



Delhi Public School
Bangalore East
Cambridge International



Cambridge Assessment
International Education

Cambridge International School

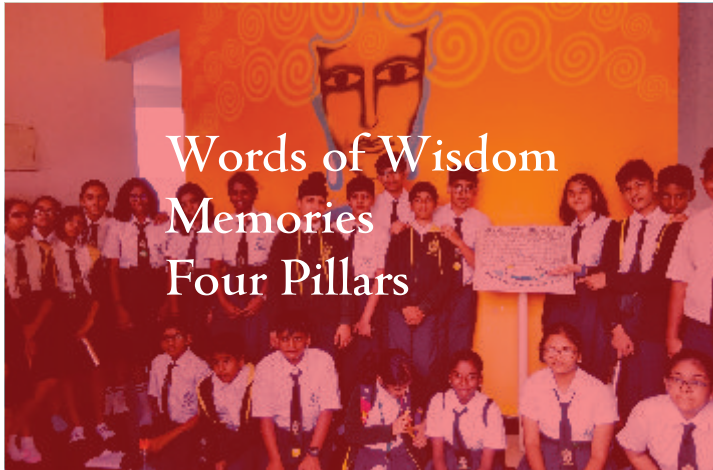
Eloquence





MAGAZINE

CONTENTS







DPS Bangalore East has had a wonderful run this year and this magazine is another proof of excellence from faculty and students.

We are proud to provide an appealing and stimulating curriculum that is flexible and tailored to the needs of each and every student as we strive for high educational outcomes and personal bests for all of our students. We strive to develop in each of our students a curious, enquiring and discriminating mind, and a desire for knowledge. It is our aim that each of our students to leave school with the values of respect, cooperation, persistence and striving for excellence underpinning all that they do. I am proud that DPS Bangalore East encourages young people to become active, engaged and responsible citizens of the local and global community.

I am glad to see our efforts reflected in the magazine. I offer my congratulations to the editorial team on their efforts.

Mansoor Ali Khan
Treasurer - KKECT
Member, Managing Committee
DPS Bangalore / Mysore





Authentic education implies an on-going, continuous interplay between the five integral moments between parents, students and teachers: context, experience, reflection, action and evaluation. This is not to lead to mere information but to appropriation and integration of all important facets in the mind of each person. DPS Bangalore East, by deepening a sense of wonder, reverence, creativity, fidelity, communication, openness and charity to each other and to the whole world seeks to work for the transformation of the student to a gracious, well-developed human being.

Our students are equipped with skills, mind sets and qualities that will best prepare them for success in the world of the future. They are intelligent, resilient, creative, imaginative, disciplined, dedicated to life-long learning, respectful and ethical. It is endearing to see the future leaders and role models of society on our campus.

I congratulate the students and editorial team on the publication of yet another excellently compiled gazette.

Maqsood Ali Khan
Secretary - KKECT
Member, Managing Committee
DPS Bangalore / Mysore





DPS Bangalore East aims to create a safe, nurturing yet challenging environment that is built on positive relationships; developing the student - emotionally, socially and academically. We care for and appreciate each of our students as the unique individuals that they are, each with distinct talents, interests and needs, and each with differing learning styles. Our passionate teachers ensure our students grow in confidence and capabilities and develop the skills for the rapidly changing, 21st century living.

A glimpse of our lives in DPS Bangalore East is showcased in this magazine. The ideas the students have presented are varied and wholesome and demonstrate high standards of literary production. My congratulations to the students and editorial team.

Manila Carvalho
Principal





Another fruitful and rewarding year has gone by. We have made our mark in many new fields and I am proud to say that we are now counted among the best schools in Bangalore. With all these achievements, we have not forgotten the basic tenets, which make the students of DPS stand tall and proud.

We have always aimed to empower our students to grow as individuals with strong open discerning minds with an international perspective, preparing them to make a mark in the global village - the world has come to be today. Our students develop responsibility for their own behaviour and the choices they make, and also a communal responsibility to assist their peers to do the same.

We support the individual wellbeing of our students and provide a school environment that allows every student to thrive as they work

towards achieving their personal best performance. We strive to provide an environment that is basically sacred, and has a framework of discipline that is flexible yet supportive, a freedom that allows students to learn even from their mistakes, to develop into a person moulded by the correlatives of freedom and responsibility.

I hope this endeavour of ours would help many many more students to achieve their personal best. May this magazine remind you of your alma mater and all the fond memories associated with it. I applaud the editorial team on the work done.

Kriti Bhatia
Senior Mistress





STANDING ROW (LEFT TO RIGHT) : Aneesh Kaul, Daniel Zachariah, Mathangi Sree B., Aarush Mehrotra

SITTING ROW (LEFT TO RIGHT) : Soma Bhattacharya, Shilpa Y. C., Kriti Bhatia, Nidhi Cherian, Asmita Pandey

EDITORIAL TEAM

The editorial team is proud to present another edition of Eloquent. Through the myriad emotions reflecting through the pages of this magazine, this team has tried its best to project the best of DPS Bangalore East in the academic year 2019-20. We set high expectations from our students and have worked hard to safeguard positive emotions across our school community.

Our students seek to deepen their knowledge and have enriching and innovative learning experiences. This has been reflected in Eloquent this year. The students have submitted materials for the magazine displaying their creativity in multiple forms as poems, short stories,

articles, puzzles, drawings. We are sure that you will enjoy the variety of work presented by the students in this magazine.

This magazine takes you through the scholastic and non-scholastic events that happened in the school. It opens a window to the pride associated with formal events like Investiture, to the display of friendship and teamwork exhibited during a class assembly, to the high octane energy of Athlos, to the creative garden of Culminare.

We are proud to present a magazine that is a perfect mix of language skills, visual effects and creativity.



ACADEMIC YEAR 2019-20

STAFF



TOP ROW (LEFT TO RIGHT)

Mahalakshmi K, Soma Bhattacharya, Rajeshwari .P. Nayak, Aarti Amte, Diposree Roy , Baneeta Nag, J Jaishree, Bini Wilson, Harsimar Anand, Nidhi Cherian, Asmita Pandey, Julie Singh

MIDDLE ROW (LEFT TO RIGHT)

Mahua Bhattacharjee, Swapna Verghese, Manneet Kaur, Tuli Chatterjee, Abinaya Balasubramaniam, Shubhasri Nayak, Nisha Jain, Chandralekha Bhattacharya, Rinki Prayagi, Anjeeta Dwivedi, Prayrna Peshen, Florence

FRONT ROW (LEFT TO RIGHT)

Tousif Ahammed, Sanjana Dhawan, S Ganesan, Manila Carvalho, Kriti Bhatia, Anita Ghildyal, Shilpa Y C

KINDERGARTEN CLASS PHOTO



STANDING : Aadya Choudhary, M Gagan Kumar, Gaurav Attrish, Shiv Menon, Cherishma Krishna Putta, Aradhya Samantaray

SITTING : Aditya Ramesh, Sanjana Dhawan, Kriti Bhatia, Manila Carvalho, Prayrna Peshen, Sayan Prabhu

GRADE 1



ROW 1 (LEFT TO RIGHT) - Shanaya Agarwal, Richa Bhatia, Yuvaan Ethan Sambhi, Arjun Venkata Krishnan, Vihaan Palo, Aarya Khanna, Rida Shaik

ROW 2 (LEFT TO RIGHT) - Durga Rejeev, Suhana Banerjee, Gurbani Gandhi, Alexandra Menalic Malickal, Samriddhi Kumar, Loukya Krishna Putta, Milan, Avaani Shekar

ROW 3 (LEFT TO RIGHT) - Saachi Sampangi, Sanjana Dhawan, Kriti Bhatia, Manila Carvalho, Mahua Bhattacharjee, S Aaradhya

GRADE 2



ROW 1 (LEFT TO RIGHT) - Aryan Yadav, Kabir Kuntal, Sai Sankalp Peesapati, Aarushi K Iyer, Chiara Sai Pavan, Siddhaarth Aravinthan, Devaansh Pratap Acharya, Rushabh Suresh

ROW 2 (LEFT TO RIGHT) - Tuli Chatterjee, Kriti Bhatia, Manila Carvalho, Sanjana Dhawan

GRADE 3



ROW 1 (LEFT TO RIGHT) - Saanvi, Kavya, Bhoomika, Grace, Keshav, Aadhik, Yashvi, Venkat, Phil, Viraj

ROW 2 (LEFT TO RIGHT) - Mehwish, Sanjana Dhawan, Kriti Bhatia, Manila Carvalho, Mahalakshmi .K, Adwitha

GRADE 4



ROW 1 (LEFT TO RIGHT) - Charanjit Harshavardhan M, Kuber Khanna, Ayesha Nabila Zahir, Shashank .B Prasad, Abhijay Manjunatha

ROW 2 (LEFT TO RIGHT) - Karthik Sai Guttikonda, Tanisha Yaduka, Madhav R Nair, Aaryav Punia, Ishaan Buddha, Dhriti Shamit Vohra

ROW 3 (LEFT TO RIGHT) - Ms. Sanjana Dhawan, MS.Kriti Bhatia, Ms. Manila Carvalho, MS. Rajeshwari Nayak

GRADE 5



ROW 1 (LEFT TO RIGHT) - Aleena Shaik, David De Rosa, Aditya Singhal, Shaurya Chatterjee, Darsh Chawla, Aileen Zachariah, Anya Chaudhary

ROW 2 (LEFT TO RIGHT) - Samarth Ajit Patil, Nishanth Alampally, Tulika A, Jai Dhondiyal, Tasmay Nair, Saiteja Thokala, Swasti Shukla, Raghav Nischal

ROW 3 (LEFT TO RIGHT) - Ms. Sanjana Dhawan, Ms. Kriti Bhatia, Ms. Manila Carvalho, Ms. Shilpi Singh

GRADE 6



STANDING ROW 1 (LEFT TO RIGHT) - Mohammad Ayan, Joanne Suzzanna Oommen, Aadrit Vasuki, Riya Malhotra , Arushi Manoj Ghode, Jannah Jabir, Nikhil Senthil Kumaran

ROW 2 (LEFT TO RIGHT) - Ridhima Mitra, Ojas Vipin Dhanorkar, Eshaan Babu Prasad, Shriya Karunakaram, Arnav Sharma

SITTING ROW 3 (LEFT TO RIGHT) - Ms Sanjana Dhawan, Ms Kriti Bhatia, Ms Manila Carvalho, Ms Soma Bhattacharya

GRADE 7



STANDING ROW 1 (LEFT TO RIGHT) - Harichaitanya Tenneti, Aarushi Agarwal, Muskan Shivakumar, Ved Parakala, Samrath Singh Chadha, Barieq Syed, Saanvi Venugopal

ROW 2 (LEFT TO RIGHT) - Prajwal Shivappa Tangade, Abhinav Shivaraman, Shiraz Shaheer, Havishma Manjunath, Sushmithaa Danabal, Parnavi Kumawat, Keerat Gandhi

SITTING ROW 3 (LEFT TO RIGHT) - Ms Diposree Roy, Ms Kriti Bhatia, Ms Manila Carvalho, Ms Sanjana Dhawan

GRADE 8



ROW 1 (LEFT TO RIGHT) - Prem Sai Thotakura, Kushagra Shanker, Zidanuddin Mohammed, Sahil Paul, Likhitha Thokala, Jiya Ashish Maliye

ROW 2 (LEFT TO RIGHT) - Anika Yadav, Aaryan K Dhar, Tejas Giridharan, Lakshmi Sahasra Chinni, Aanya K, Fidaan Shaik, Sadhvi Sampangi, Diya Prakash

ROW 3 (LEFT TO RIGHT) - Mrs. Sanjana Dhawan, Mrs. Kriti Bhatia , Mrs. Manila Carvalho, Mrs. Shilpa Y. C.

GRADE 9



ROW 1 (LEFT TO RIGHT) - Aarush Merhotra, Trisha Marie Pereira, Mathangi Sree B, Riya Sivakumar, Tara Dhondiyal, Rithesh Ganeshkumar, Soham Sameer Patwardhan

ROW 2 (LEFT TO RIGHT) - Daniel Zachariah, Shreshth Khurana, Adith Christopher Martis, Aneesh Kaul, Aditya Manoj Ghode, Swayam Santhosh

ROW 3 (LEFT TO RIGHT) - Mrs. Sanjana Dhawan, Mrs. Kriti Bhatia , Mrs. Manila Carvalho, Mrs. Shilpa Y. C.

GRADE 10



ROW 1 (LEFT TO RIGHT) - Avanish Narayan, Shail Dutt, Aarush Ashraf Jamadar, Swetha Visvakumar, Sowmya Gayathri Tenneti, Arohi Mittal, Ananya Chaudhary, Aadithya Raghavendra Bharadwaj, Aditya Sharma

ROW 2 (LEFT TO RIGHT) - Mrs. Sanjana Dhawan, Mrs. Kriti Bhatia , Mrs. Manila Carvalho, Mrs. Shilpa Y. C.

AS Level



ROW 1 (LEFT TO RIGHT) - Anuj Verma, Akash Raghavendra Makam, Aritro Chattopadhyay, Agnibha Bhattacharya, Kashi Vishwanath Kartha, Manesh Abhishek Victor Raj

ROW 2 (LEFT TO RIGHT) - Shivranjani Balaji, Anvita Kulur, Yashita Salwan, Shivani Krishna Kavinaya Shree Sivakumar, Kalyani Kumawat, Moulima Raj T

ROW 3 (LEFT TO RIGHT) - Mrs. Sanjana Dhawan, Mrs. Kriti Bhatia , Mrs. Manila Carvalho, Mrs. Manneet Kaur



FOUR PILLARS



ATLANTIS



CHALLENGER



COLUMBIA



DISCOVERY

Aspire to Excel

"Striving towards excellence with humility in our hearts"

Sports play is an extremely important part of their lives by providing all-round development of the child physically, mentally and emotionally. It also helps them to be fit and keep them healthy. Participating in various inter-house competitions not only gives the students a chance to display their talent but also helps them learn valuable lessons on teamwork and selfless service. Be it debate, quiz or sports event, students give their best to win laurels and house points. Participation in various activities brings the house honour and gives the students a sense of pride.

The Blue House takes great pride in working for their 'Kingdom' and has emerged the winners of the much-coveted cup for 'Best House'. They are triumphant in many of the co-curricular activities, including quizzing and sports. Their greatest asset is their confidence and determination, which is present in all the students from primary school to the highest grades.

Being the house mistress of such an extraordinary house is an enormous responsibility, however, I am honoured to be chosen as its representative. I witnessed Atlantis house do great things, and none of this would have been possible without the help of the sincere students and teachers. Our minds are as vast as the clear blue skies above us, and even in times of darkness, when storm clouds surround us, we all, find it in ourselves to pull through and clear the skies to the dawn of new expectations and achievements.

The academic year of 2019-2020 uncovered the many talents that were submerged in the house of Atlantis. Inter House competitions for 'Debate', 'Poetry recitation', 'Handwriting tasks' and numerous 'sports' were conducted throughout the year. Students from Atlantis performed exceedingly well, winning prizes in almost all the events. Sports day 'Athlos' took place in the month of November, providing the students a huge opportunity to showcase talents in individual sports events, team events, and even dances! Apart from this, students were also selected to participate in competitions like MUN and inter-school debates, making the house of Atlantis more than proud.

While there were many ups and downs throughout the year, we were determined and driven to work hard. The passionate effort that we have put in this year, we will endeavor to not only replicate, but surpass in the next.

Sarita Farswal
House Mistress



Kashi Vishwanath Kartha
House Captain



Swetha Visvakumar
House Vice - Captain

ATLANTIS 2020-21

Blue, the colour of Atlantis house, conjures images of sky and sea. It symbolizes bravery and dedication. Blue is serene and calming, and it represents intelligence and responsibility.

The house was led by Ms. Abinaya Balasubramaniam. Akhil R Singh was the captain and Aadithya Raghavendra Bharadwaj was the Vice-Captain of the house.

During the academic year 2020-2021, amidst the pandemic situation and online classes our house students showed a lot of interest in participating in the competitions held for Republic day and Independence day. They also won many prizes during the year.

Suhana Banerjee of Grade 2 won 2nd place in Show Tell competition held as part of Independence day celebration and 1st place in Fancy dress competition as part of Republic day celebration.

Thanusree Vasanth Kumar of grade 7 won 3rd place in Slogan writing held as part of Independence day celebration and also bagged the 1st place in Non-Fire Cooking as part of Republic day celebration.

Reyansh Yaduka of grade 1 won 3rd place in the Drawing competition which was held as part of Republic day celebration.

Lakshmi Sahasra Chinni of grade 9 won 3rd place in Poster & Slogan writing competition which was held as part of Republic day celebration.

Abinaya Balu
House Mistress



Akhil Singh
House Captain



Aadithya R Bharadwaj
House Vice - Captain

CHALLENGER 2019-20

Challenger House

“Great works are performed not by strength but by perseverance.”

Challenger house had a splendid run this academic year. The colour green represents youth and energy and the students in Challenge house remained true to what the colour represents. The house of Challenger ended the year with a high with first prize in March Past during Athlos, the annual sports day meet of 2019.

The house was lead by Ms. Nidhi Cherian and had Ms. Chandralekha Bhattacharya, Ms. Shilpa Y.C. , Ms. Soma Bhattacharya, Ms. Abinaya Balasubramaniam and Ms. Mahua Bhattacharya as teammates. Shivranjini Balaji (AS Level) and Ananya Chaudhary (Grade 10) served as the house captain and vice house captain, and did a tremendous job as leaders.

The students of Challenger house won many prizes during the entire year. In the language department, Dhriti Vohra of Grade 4 won first prize in poetry recitation. Kabir Kunta of Grade 2 won second position in Handwriting competition.

Samrath Singh Chadha of grade 7 won third prize in the poster making competition, bringing creative elements to the fore.

Shanaya of Grade 2 won third prize in fancy dress competition which the Challengers applauded with much love.

The photography competition was held on the school premises and students had to click photos based on a theme. Aditya Ghode of Grade 9 grabbed second position in Photography competition.

Shivranjini and **Yashita** of AS level and Anvit Sanyal and Ananya Chaudhary of grade 10 won medals in Inter-house chess competition and kept the hope of Challengers high for overall trophy.

Smera Merwade of Grade 10 was a constant presence in DPSE music band, performing and winning kudos on many stages.

Daniel Zachariah of grade 9 participated in Model United Nations, exploring vistas to expand his knowledge.

Muskan Sivakumar of Grade 7 and Shriya Karunakaram of Grade 6 won second prize in Behtar India campaign and added points for the house.

Challenger house secured second position on the overall marks. The children were enthusiastic and actively participated in all house events. My heartiest congratulations to all Challengers on the good work done.

Nidhi Cherian
House Mistress



Shivranjini Balaji
House Captain



Ananya Chaudhary
House Vice - Captain

CHALLENGER 2020-21

Coming together is a beginning, Keeping together is progress, Working together is success. Having firm faith in the above saying, Challenger House believes that the starting point of all achievements is desire as it is the key to motivation. The Challenger House stands by its name as we don't back down without challenging ourselves and spare no effort in giving it our all. "Accept the challenge" has been the attitude and the motto of the house. The House is a circle of energy and vibrancy, represented by the colour green, a symbol of life and energy.

The House Captain for the academic year 2020-21 is Shivranjani Balaji. Shivranjani is a determined captain who believes in team work. She has made impressive efforts in sports and academic areas. The Vice House Captain is Oshna Dhanorkar. A hardworking student, Oshna has showcased her talents in art, music, public speaking, sports and academics. Participating in various inter-house competitions not only gives the students a chance to display their talent but also helps them learn valuable lessons on teamwork and selfless service. Be it a debate, quiz or sports event, students give their best to win laurels and house points.

Due to the pandemic, the year 2020-21 brought new challenges and responsibilities. A considerable number of virtual scholastics and non-scholastics competitions took place throughout the year. Inter-house competitions were held virtually on Independence day and Republic day to keep the spirits high and to build positivity in everyone's life. There was an overwhelming response from the students in participation. The competitions were held in a very fair way with talented judges to the grades from 1-9 and the prizes were awarded in the form of virtual certificates for first position, second position and third position.

Challengers put in their best efforts in bringing crown to the house being the first in the Inter House Competition. In competitions held on Independence day, Dishita of Grade 1 secured 3rd position in show and tell. Rida of Grade 2 secured 3rd position in the same competition. First position in Poetry and Song competition was secured by Aayush of Grade 3. Dhristi of Grade 4 secured 1st position in Quiz. In the chess competition, Samarth of Grade 6 patil secured the first position, while Aditya Singhal and Aditya verma secured 3rd position in the chess competition.

In collage making competition, Shriya of grade 6 ,secured 2nd

position. First position in the Slogan writing competition was won by Shriya of grade 7. Sushmita Dhanbal of Grade 8 won the photography competition. In the Republic Day competition, Dishita Tilak and Rohan Harris won 1st prize and 2nd prize respectively in the drawing competition. Shanaya Agarwal secured 2nd position in fancy dress competition on freedom fighters from Grade 2. From Grade 3, Aayush Nair won 2nd prize in fancy dress competition on freedom fighters. From Grade 4, Venkat secured 1st position in poster and slogan writing . Aarush Madhukar won 1st prize and Kubber Khanna secured 2nd position in poster and slogan writing from Grade 5. Aditya Singhal secured 1st position in non fire cooking competition from Grade 6. From Grade 7, Ridhima Mitra secured 2nd position in non fire cooking competition.

The house has thus had a fruitful run, it must not rest on these laurels but make intense efforts to bring more and more glory to the house and to raise our House flag higher. The house was led by Ms. Shilpi Singh and I, as the house mistress, was immensely proud to mentor and lead the house for the year 2020-2021.

Shilpi Singh
House Mistress



Shivranjani Balaji
House Captain



Ananya Chaudhary
House Vice - Captain

Columbia House

“There is no elevator to success, as it’s the small steps taken which makes one taste it.”

To inspire a healthy sense of competition, students of DPS International East have been allocated one of the four houses which symbolize the school’s values. Students develop a sense of belonging and a feeling of unity in being a part of a specific house. The Columbia house is represented by orange colour which signifies excitement, and enthusiasm. Orange is a motivating and encouraging colour that appeals to young students.

The House Captain, Akash Raghavendra (Grade AS) and Vice-captain, Aditya Sharma (Grade X) of Columbia house guided their housemates on all fronts and played a vital role in leading their team to victory in many events. Participating in various inter-house competitions not only gives the students a chance to display their talent but also helps them learn valuable lessons on teamwork. Be it a debate, poetry, handwriting, photography, quiz or sports event, students gave their best to win laurels and house points. Participation in various activities brought the house honour and gave the Columbia house students a sense of pride.

This year, the students of the Columbia House participated in all the events with great zeal throughout the year. The session started with the Inter House Chess Competition in which Akash Raghavendra of Grade AS secured first and Sowmya Tenneti of Grade X secured second position. In the other events like Inter house Independence Day Dance Competition, Aanya K(Grade VIII), Muskan Shivkumar (Grade VII), Riya Malhotra(Grade VI), Diy Prakash(Grade VIII), Saanvi Venugopal(Grade VII) and Varuni Sukhtankar(Grade IX) deliver an outstanding performance and bagged third position.

Aarushi Iyer of Grade II, bagged first position in Handwriting Competition. Columbia House is always valued for its discipline, co-operation, diligence and modesty. Even though Columbia House lost out in the overall Championship and stood third, the spirit of competition was found to be truly alive till the end and they embarked on various spirited competitions, especially in the annual sports meet “ATHLOS.” The house had its share of victories and

disappointments, but we garnered strength from the old adage, “Failure is the stepping stone to success.”

The teachers and students of Columbia House are now gearing up to face another year of tough competition and have pledged to work harder and win the ‘Championship Trophy’ next year. I would like to thank every single student and teachers of Columbia House, Ms Rajeshwari Naik, Ms Prayrna Bhan, Ms Tuli Chatterji and Ms Harsimar Anand for their co-operation and support towards the house.

Asmita Pandey
House Mistress



Akash Raghavendra
House Captain



Aditya Sharma
House Vice - Captain

“Success is walking from failure to failure with no loss of enthusiasm.”

Columbians greatest glory is not in never falling but in rising every time we fall. Columbians are dynamic and determined and led by a belief that they truly stand out on their merit. The house symbolises joy, sunshine, creativity ,success, encouragement and fascination .

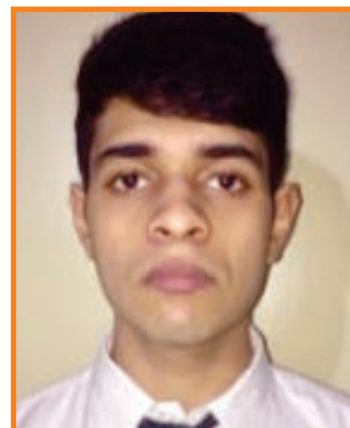
Hamid-ur-Rehman Vacal led the house as the Captain. He was assisted by Anya Sudhir as the Vice Captain. The house was guided by Ms. Rajeswari Nayak assisted by other house teachers. House teachers guided their house on all fronts and played a vital role in leading their team to victory in all events.

Students of Columbia house put up an excellent show in the inter house competition held as a part of the Republic Day celebration. Mimansa Choudhary of Grade 9 won first place in Poster and Slogan Writing. Aarush Madhukar won first place in Poster and Slogan Writing from Grade 5. Eshaan Babu Prasad of grade 8 bagged third place in Non-fire Cooking while Aileen Zachariaiah of grade 6 won second place in Non-fire Cooking.

Sathvik Srinivasan won second position in Poster and Slogan writing from grade 4. Avyukth Shreyas and Gurbani Gandhi bagged second position in Fancy dress competition from grade 2. Third position in Fancy dress competition was secured by Aashay Madhukar. These events were conducted as a part of republic day celebration.

Participating in various competitions gave students a chance to display their talent and helped them to learn valuable lessons on teamwork. Be it a debate, quiz, sport event, art, poster making, winning points for the team gave them a sense of pride.

Rajeshwari P Nayak
House Mistress



Hamid - UR - Rehman Vacal
House Captain

Anya Sudhir Narayan
House Vice - Captain

DISCOVERY 2019-20

Discovery House

“Patience and perseverance have a magical effect before which difficulties disappear and obstacles vanish.”

Yellow, the colour of sunshine, hope, and happiness stands for freshness, positivity, clarity, energy. The students of the Discovery house are described as impeccable, dependable, radiant, exquisite and spectacular.

The year 2019-20 brought with it many new hopes, challenges, joys and responsibilities. It was a year of all-round excellence for the Discovery house. A considerable number of scholastics, co-scholastic, and non-scholastic activities and competitions took place throughout the year.

Moving on to the journey, the house saw a great chain of victories. On account of good teamwork and the inspired leadership of its Captain and vice-captain the house played through with great spirit, and once again proved that we are among the best in shouldering responsibilities. Discovery house students participated in all the events and took strength from their ongoing spirit.

Discovery received many accolades during the year owing to the efforts and determination of our students. Our team (VANSHIKA JANI - AS level, JIYA ASHISH MALIYE - Grade 8, KEERAT GANDHI - Grade 7, AARUSHI GHODE - Grade 6, JENNAH JABIR - Grade 6) put up an excellent show and won the first place in Interhouse dance competition held as a part of the Independence Day celebration. Primary students (Milan - Grade 1, Saanvi Telang - Grade 2, Saanvi Singh - Grade 3 & Aadhik Kumar - Grade 3) bagged the first, second and third positions during the Independence Day Inter House Fancy dress competition.

Jannah Jabir - Grade 6 participated in yoga as a part of International yoga day celebration. Riya Shivakumar - Grade 9 won the first runners up in National Inter DPS Rifle Shooting Championship held at DPS Indore. She also participated in Model United Nations. The house also won second position in the Inter house debate competition where Abhinav Sivaraman of Grade -7 showed his in-depth knowledge and language command. Richa Bhatia of Grade - 1

participated in the handwriting competition and mesmerized the judges with her beautiful handwriting and bagged the first position. I congratulate Anvita Kulur, the house captain, Deipal Arunkumar, the vice captain, all the student members and teachers (Ms. Anjeeta Dwivedi, Ms. Madhumita Acharya, Ms. Aarti Pallavi Amte and Ms. Diposree Roy) of Discovery house for their excellent teamwork and dedication towards the house activities. We look forward to more such success stories in the years to come.

Mahalakshmi Karthikeyan House Mistress



Anvita Kulur
House Captain



Deipal Arunkumar
House Vice - Captain

DISCOVERY 2020-21

A Report on Discovery House for academic year 2020-21

We are proud of our traditions and are indeed guided by the examples set by the predecessors, but the greatest strength lies in the sheer instinctive way of continuously reinventing ourselves to always stand out in a crowd, be it in academics, sports or cultural pursuits. The house of Discovery with the support of their captain, vice captain and housemates put in their best efforts in all competitions. The house was led by Ms. Mahua Bhattacharjee. Aritro Chatterjee and Riya Shivakumar served as the house captain and vice house captain. and both of them did an excellent and amazing job as leaders.

Due to the pandemic, the year 2020-21 brought new challenges and responsibilities. A considerable number of virtual scholastics, non scholastics and competitions took place throughout the year. Discovery house students participated in all the virtual events, activities and competitions and the house won many prizes during the year. The house once again proved that we are among the best in shouldering challenges and responsibilities.

Jannah Jabir of Grade 7 won second position in the Slogan writing competition. Manu Mehtab Choudhary of Grade 6 won third position in Collage making competition held as a part of the Independence day celebration.

Shriya and Gaurav of Grade 1 won first and second positions in the Show and Tell competition. Saanvi Telang of Grade 3 won second position in poetry competition.

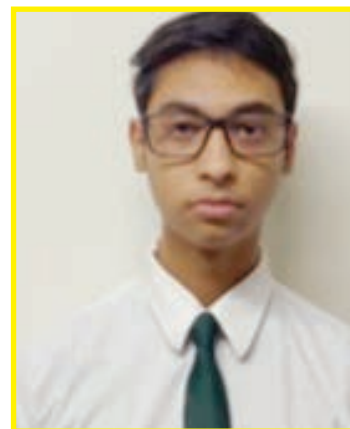
Kavya and Charanjit secured third position from Grade 4 and 5 respectively in the Quiz competition during the Independence day inter house competition.

Rithwik Ravi Kumar of Grade 9 won third position in Poster and Slogan writing competition. Vishmika of Grade 6 won third position in the non fire cooking competition held as a part of the Republic Day competition.

Saanvi of Grade 3 won first position and Advika of grade 3 won third position in Fancy Dress competition. Third position in Poster and

Slogan making was secured by Aadhik Kumar of Grade 4 during the Republic day inter house competition.

Mahua Bhattacharjee
House Mistress



Aritro Chattopadhyay
House Captain



Riya Shivakumar
House Vice - Captain





INVESTITURE 2020



The new office bearers took charge after the Investiture ceremony, where Ms. Tasbia Mansoor, Member of Board of Management bestowed them with badges. They received the school flag and took oath under the administration of Senior Mistress Kriti Bhatia. The school captain for the academic year 2019-20 was Hamid-ur-Rehman Vakal. Smera Merwade was chosen as the vice school captain.

The house captains and vice house captains also took oaths. Kashi Viswanath (Captain) and Swetha Viswakumar (Vice Captain) of Atlantis house, Sivaranjini Balaji (Captain) and Ananya Choudhary (Vice Captain) of Challenger house, Akash M R (Captain) and Aditya Sharma (Vice Captain) of Columbia house and Anvita Kulur (Captain) and Deipal Arunkumar (Vice Captain) of Discovery house also took charge on the same day.

M. Abhishek Victor Raj was appointed the Sports Captain. Kalyani Kumawat was appointed the President of the Social Welfare Committee and Dhruv Goel, the President of the Cultural Committee.



INVESTITURE 2020



INVESTITURE 2020



INVESTITURE 2021



zoom

BLESSING CEREMONY 2020



The school hosted a blessing ceremony for students of Grade 10 of the academic year 2019-20, wishing them best of luck for the upcoming board examinations and all future endeavours they may undertake.

BLESSING CEREMONY 2020



BLESSING CEREMONY 2020



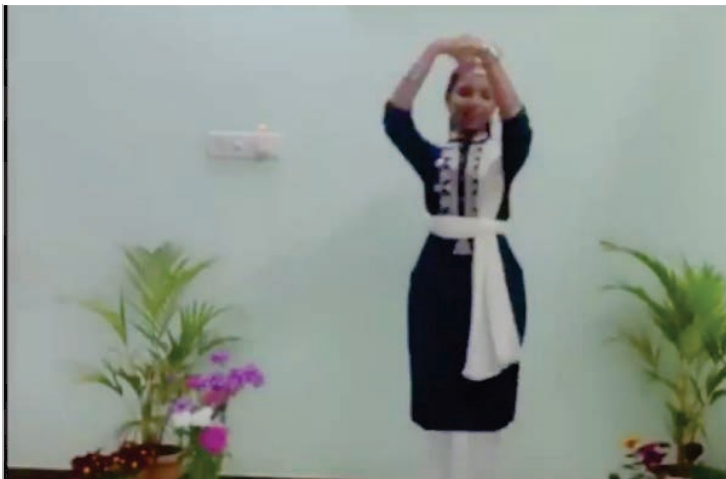
BLESSING CEREMONY 2020



BLESSING CEREMONY 2020



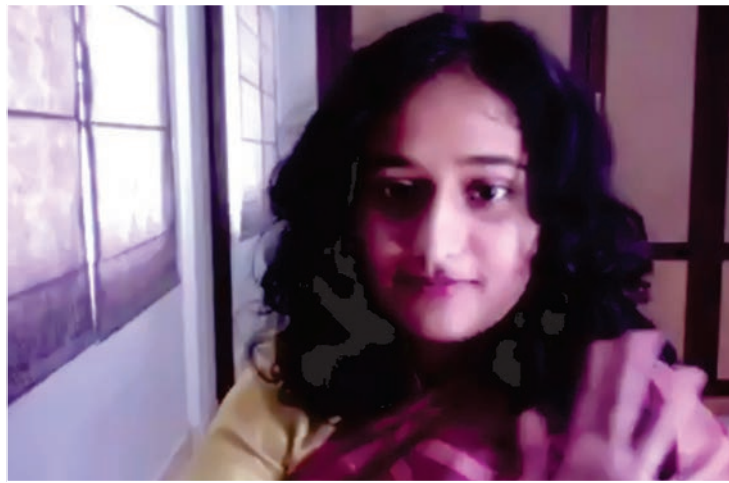
BLESSING CEREMONY 2021



BLESSING CEREMONY 2021



GRADUATION DAY 2020



GRADUATION DAY 2020

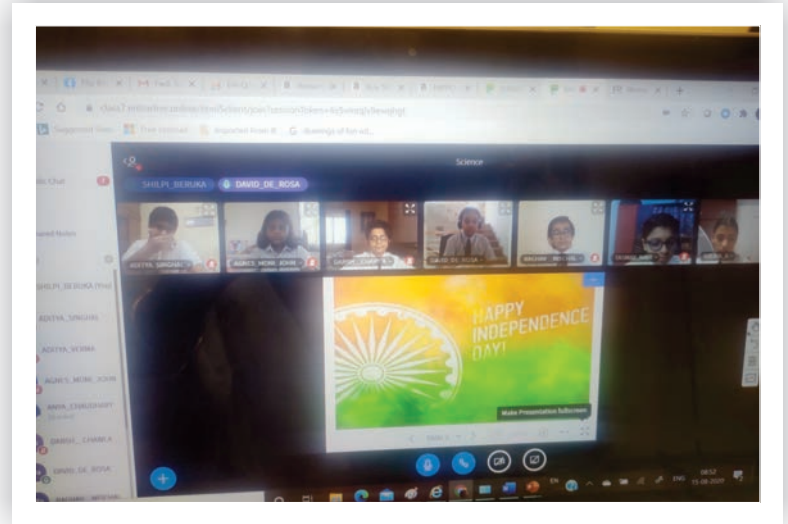
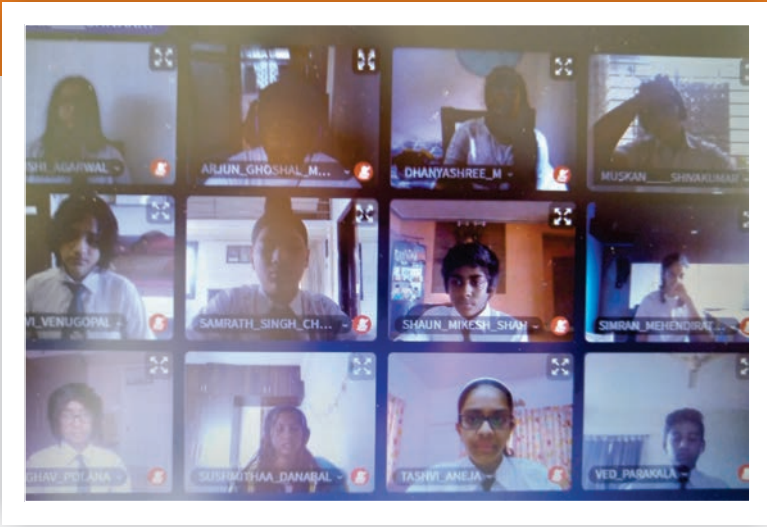


INDEPENDENCE DAY 2020

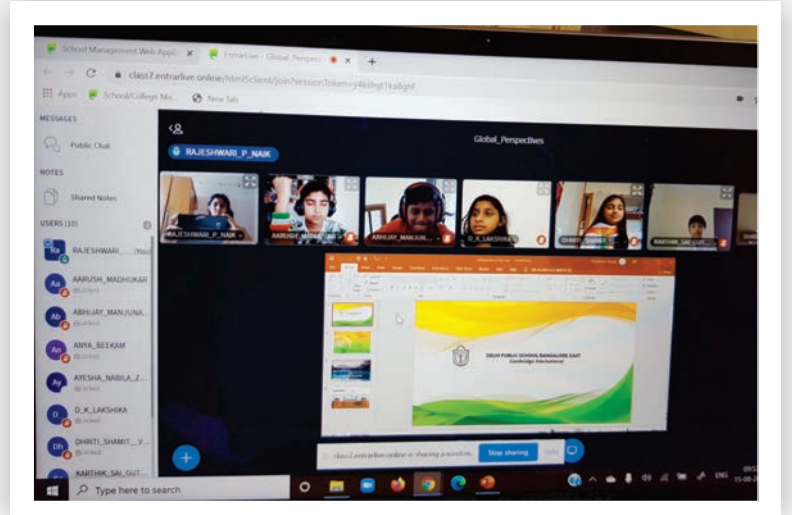
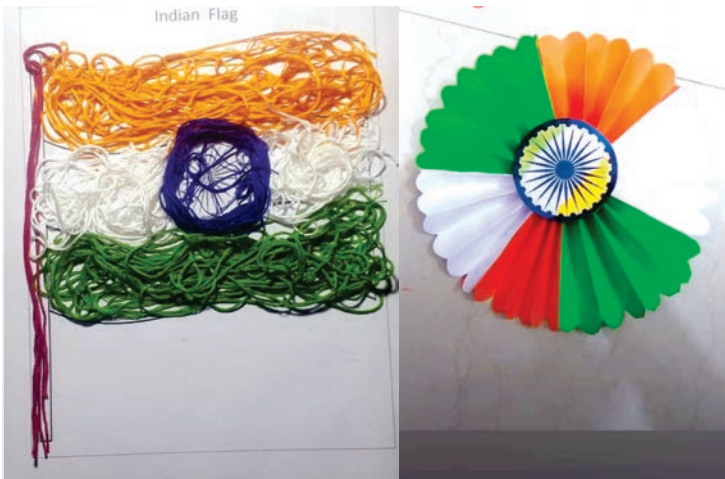
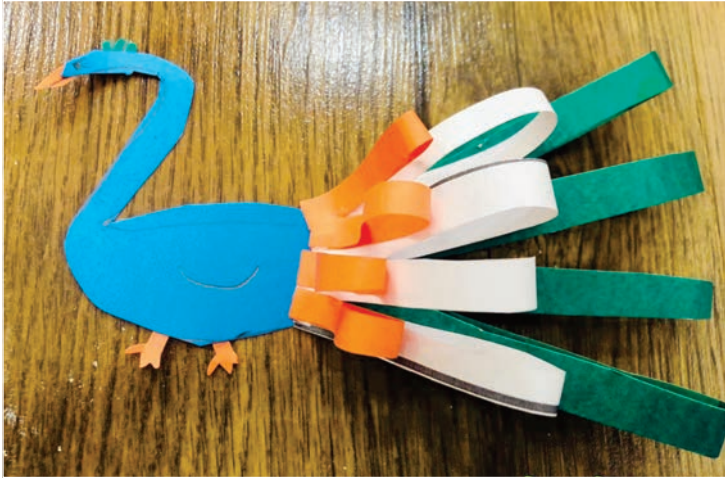


Independence day was celebrated with fervour in the school. Grades 1 to 3 took part in fancy dress competitions where they dressed up as freedom fighters. Grades 4 and 5 did poster making on the theme of freedom. Grades 6 to AS danced to invigorating patriotic songs. The school paid homage to all who gave lives for the country.

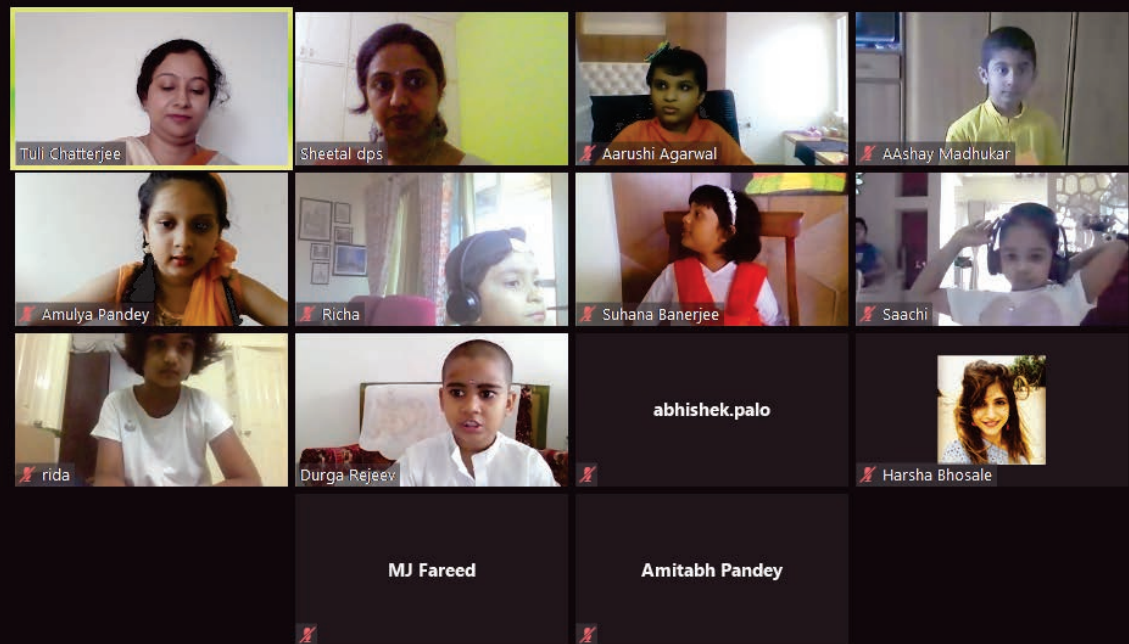
INDEPENDENCE DAY 2020



INDEPENDENCE DAY 2021



INDEPENDENCE DAY 2021





DPS INTERNATIONAL BANGALORE EAST



"Wanting to Win isn't Everything, but Wanting to is."

Venue : Sports Ground



The annual sports day, Athlos 2019, was grand and magnificent in its scope and execution. The house of Atlantis lifted the trophy scoring the maximum points. The energy on the ground was palpable. The students displayed team spirit, warmth and support for their friends and the day was a great example of sportsmanship.

ATHLOS























Soumya, Grade - 10

Soumya

TEACHERS DAY 2021



RITHI GRADE 5



KARTHIK GRADE 5

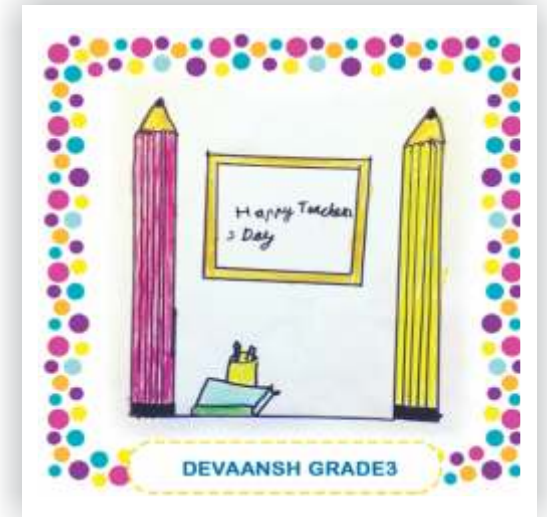
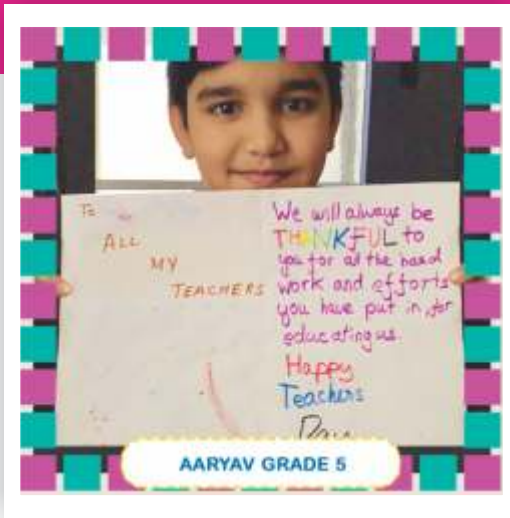


SWETHA GRADE 5



AARUSH GRADE 5

TEACHERS DAY 2021



CHILDREN'S DAY 2020



Children's day was celebrated with much enthusiasm. Ms. Soma Bhattacharya and Ms. Tuli Chatterjee hosted the program. Teachers sang and danced to show their appreciation towards students. Certificates of Merit were distributed by Ms. Kriti Bhatia.

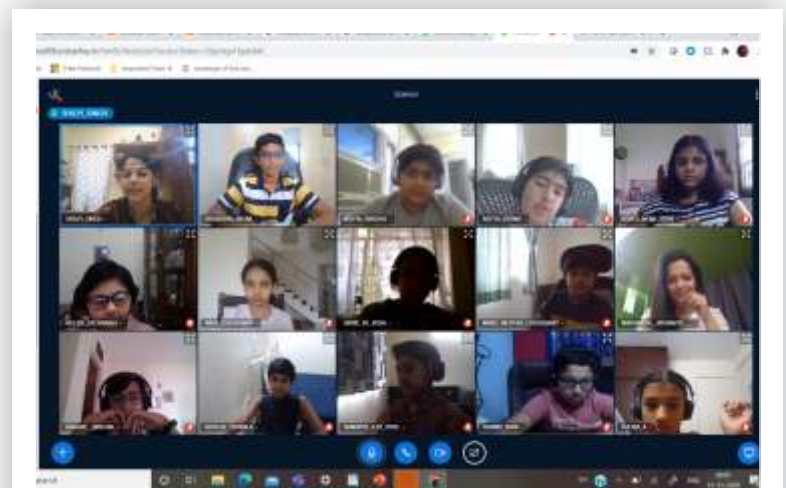
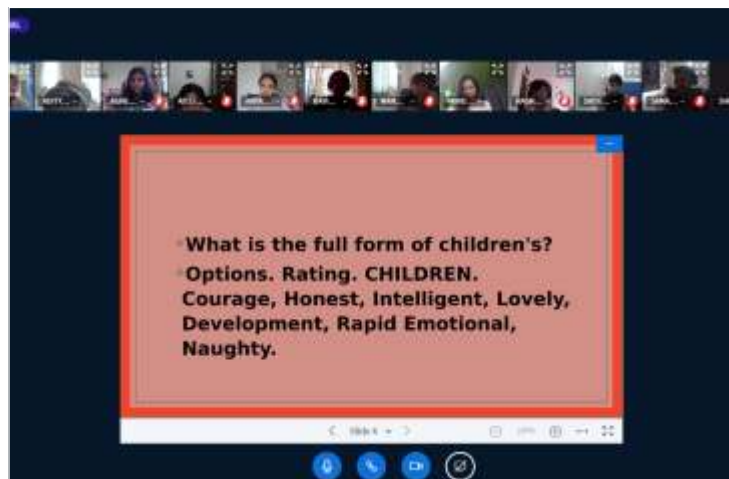
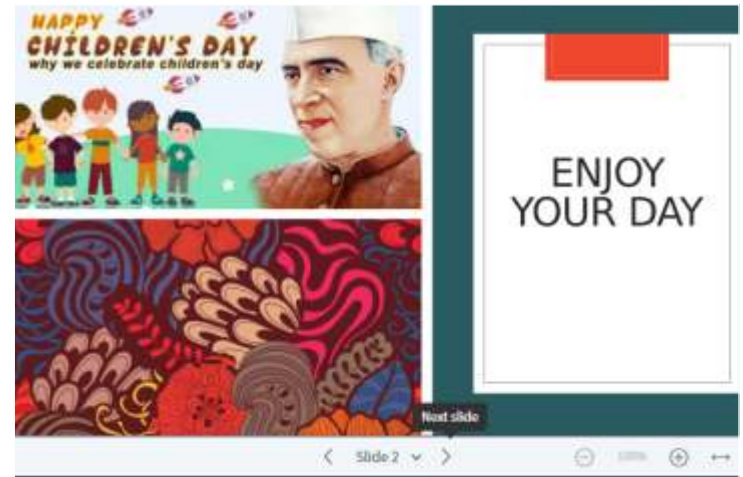
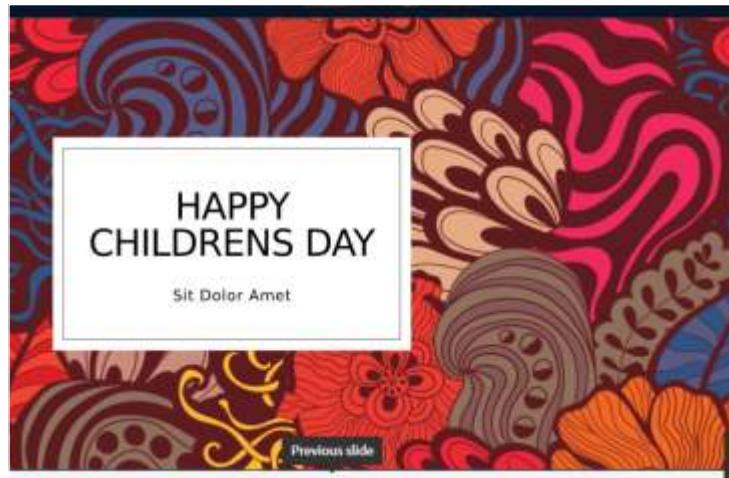
CHILDREN'S DAY 2020



CHILDREN'S DAY 2020



CHILDREN'S DAY 2021



NATIONAL SCIENCE DAY 2020



National Science Day is celebrated in India on 28 February each year to mark the discovery of the Raman Effect by Indian physicist Sir C. V. Raman. DPS International gave particular emphasis to the day to spread awareness among the students about the importance of science used in the daily life of the people. The Department of Science and Technology decided the theme of National Science Day 2020 is “Women in Science”.

The activities by various grades are as follows:

Grades 1 and 2 : Know your scientists - A quiz contest through powerpoint presentation was organized for grades 1 and 2.

Grades 3 and 4 : A collage making activity with scientific diagrams.

Grades 5 and 6 : Budding scientists of grade 5 and 6 demonstrated few interesting experiments for the rest of grades.

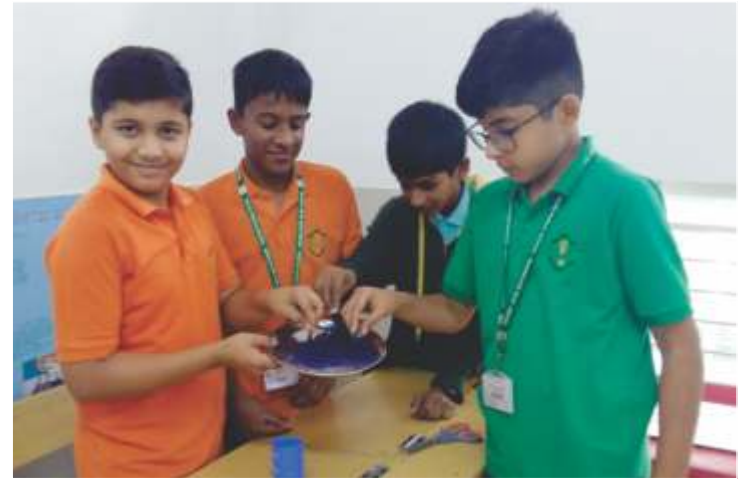
Grade 7 : JAM on various topics on science

Grade 8 : Elocution on Women in science

Grade 9 : A debate on the topic, ‘Artificial intelligence is dangerous’



NATIONAL SCIENCE DAY 2020



NATIONAL SCIENCE DAY 2020



NATIONAL SCIENCE DAY 2020



NATIONAL SCIENCE DAY 2021



Periodic Table of the Elements

Fill in the missing elements of the PERIODIC TABLE.

1																	18											
H																	He											
2																	13	14	15	16	17	18						
Li	Be											B	C	N	O	F	Ne											
3	Na	Mg											Al	Si	P	S	Cl	Ar										
4	K	Ca	Sc	Ti	V	Cr	Mn					Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr						
5	Rb	Sr	Y											Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
6	Ba											Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn		
7	Ra											Rf	Db	Sg	Bh	Hs	Mt					Cn	Nh	Ds	Rg			

Metals
 Metalloids
 Nonmetals

Rules: (GROUP ACTIVITY)

- 1 minute to start, filling up as many elements as you recall. Use the enabled white box to do the same!
- A filled periodic table would be eligible for 10-15 stars
- Additional time minute is given per team to complete as much of the periodic table as possible.



NATIONAL SCIENCE DAY 2021



NATIONAL SCIENCE DAY 2021



CHRISTMAS DAY



Students of Grade 5 presented a skit on the values of Christmas. The young Santa distributed sweets at the end of the special assembly. Carols were sung and the air was filled with merriment and joy.



CHRISTMAS DAY



CHRISTMAS DAY



CHRISTMAS DAY



CHRISTMAS DAY



CHRISTMAS DAY



HALLOWEEN



On the day of Halloween, the corridors of the school were filled with Halloween activities such as trick-or-treat, costume parties and display of few carved pumpkins turned to jack-o'-lanterns.

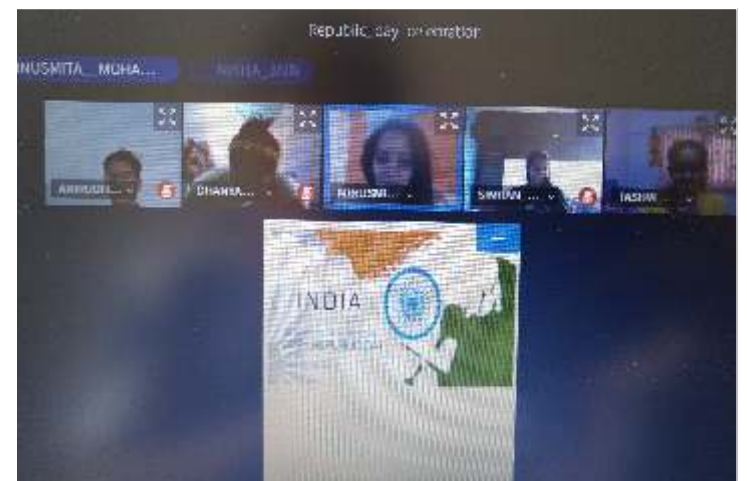
HALLOWEEN



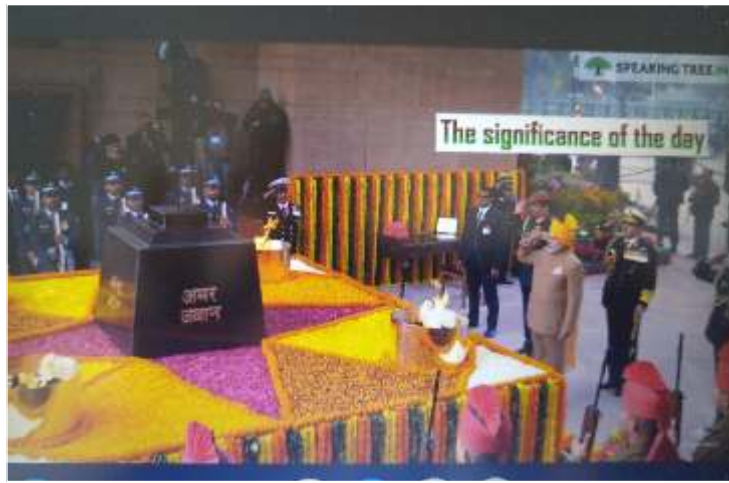
REPUBLIC DAY 2021



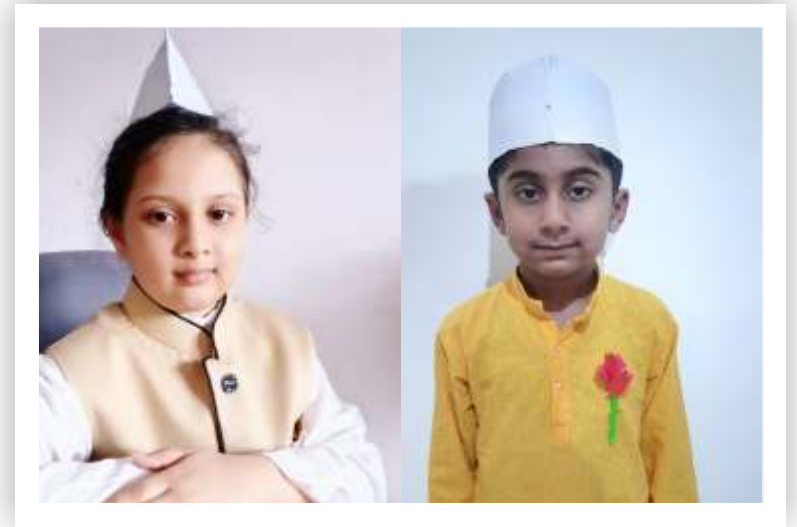
REPUBLIC DAY 2021



REPUBLIC DAY 2021



REPUBLIC DAY 2021



REPUBLIC DAY 2021



REPUBLIC DAY 2021





Nikhil .S, Grade 6



Education does not simply mean the ability to read and write; it is a wide term used to describe the complete process of development. The holistic development of a child is achievable with the pragmatic approach to education and it imparts learning by doing and experiencing things. Delhi Public School Bangalore East has organised CULMINARE, a mega event in the form of an exhibition to enhance the student's knowledge and to make learning a fun experience. It was a platform for children to display their knowledge, creativity, investigative skills and talent. Mathemagica (Math), Papyrus (English), Scifari (Science), Ubiquitous (Global Perspectives), Quad Corner (ICT and Computer Science), Artistry (Art), Nous Aillons Le Français (French), Aktivitätsraum : Deutsch (German), Srijan (Hindi) were the assigned subject corners and students from grades 1-8 had displayed their skills in various activities.

Mathemagica

Mathemagica had a team of aspiring young Mathematics admirers who displayed a few activities on Mathematics. Students of Grades 1 and 2 explained 3-D objects and their properties. A student of grade 4 demonstrated an activity on PROBABILITY using a dart game. Students of grade 5 created a video on great mathematicians and displayed a project on MAGIC SQUARE which was a great success and was well appreciated. An activity on BODMAS rule was displayed in the form of riddles by students of grade 6. A few students of grade 7 and 8 demonstrated the activity of Tower OF Hanoi.

Papyrus

English Department presented 'Papyrus' which had three main activities. The tiny tots of grades 1 and 2 were ready to welcome their moms and dads at the game of 'Fish a Rhyme'. The cards were displayed in a tub and the contestants had to pick the cards with a fishing rod that rhymed with the picture shown by the student volunteer. Our young students stuck 'stars' on those who hooked many rhyming words.

We all know the phrase 'Don't judge a book by its cover' but in reality, we are all drawn to books that are attractive. The cover of a book works as a salesman to its audience, and it needs to be recognized as an important tool - not just to service its original purpose, which is to

protect and bind the pages of a book. Students of grades 2 to 5 displayed their creative talents by making book cover designs along with the back cover blurb.

Students of grade 9 presented 'Pressure Zone', where they invited the parents to be on the hot seat. They are given a choice of three topics, on any one of which they will debate with the students. Parents were impressed by the flood of arguments and counter arguments, which in turn gave them a view of the students' perspective and hence better understanding of their thought process, along with their speaking and discerning skills.

Papyrus was an exciting platform for students to work on their language skills.

Scifari

In the Scifari expedition, the students explored various concepts of science which expanded the horizon of learning experiences. Students of grade 1 and grade 2 dressed up like birds and fish and to explain details about their body parts. Grade 2 students made a model of microorganisms and demonstrated how to look for bacteria through a microscope. The students of grade 3 made charts and models of different types of habitats like desert, pond and rainforest and explained them. Life cycle of butterfly and plants were explained by the students of grade 4. Grade 5 students had organised a game with working models of solar and wind power plants and body system. There was a competition for parents to complete the electric circuit. Grade 7 demonstrated an experiment which was based on filtration and density of air. The functions of hovercraft and hydraulic machines were explained by the students of grade 8. The programme, Culminare enlightened the students with exuberant experience of learning through hands-on experience. The children as well as their parents enjoyed the expedition of Scifari.



Ubiquitous

Ubiquitous was the platform which discussed world issues in Culminare. The enthusiastic students of grades 1 to 8 participated and displayed various projects and planned interesting games related to the subject enhancement skills. Live presentation in front of parents had given them an opportunity to promote global awareness about Artificial Intelligence. Logo Searching game was planned to showcase the analysis, evaluation and observation skills whereas Dice Game was handling global issues along with the suggestion to promote awareness.

Quad Corner

Quad corner was divided into 3 zones : Intro Zone , Architect Zone and Developer Zone. In the Intro Zone, the children gave introduction of ICT and sang a song about the parts of the computer. In the Architect Zone, the children categorized the computer parts as h/w and s/w and explained about the shortcut keys. In the Developer Zone, they brainstormed about the general problems they faced while browsing and the most voted problem was “too many ADs”. They came up with the idea of analysing and categorising the AD’s appropriate to the viewers. They developed a scratch program to suggest a solution for this problem.

Artistry

During Culmination, students of all grades exhibited their work of various media's, which included acrylic, watercolor, charcoal , pencil shading both on paper as well as on canvas. Handmade cards and bookmarks were available for sale.

Srijan (सृजन)

CULMINARE was the platform for the budding language learners of Hindi to showcase their linguistic skills in ‘SRIJAN’. Students from grades 1 to 4 had performed poems with actions using beautiful props on ‘Varsha Rani’. Students of grade 5 prepared a model on ‘Vachan’ which was appreciated by all. Two amazing creative activities were

planned and displayed by students of grades 5,6 and 7. One was ‘AKKAD - BAKKAD’, in which a slide show was created on traditional Indian street games with their names in Hindi, whereas in the other activity kids have demonstrated their skills of Hindi Language by asking visitors, questions on typical Hindi terms of different common words used in day to day life. Both activities were well appreciated and praised by parents and teachers. Grade 4 child had made a model on ‘paryayvachishabd’ and was exhibited in ‘SRIJAN’.

Nous Aimons Le Français (“We love French”)

During Culminare, French students from Grades 1 to 8 displayed a colourful exhibit of their understanding of the language. The exhibits spread from chart paper presentation, games to 3-d models. Grade 2 to 5 conducted various French games like Jeter, Les fruits et Les légumes and Devine qui. Grade 6 to 8 gave chart paper presentations describing “why learn a world language”, “Arbregéneologique”, “les couleurs”, “les mois et les jours”. A wonderful 3-d model display of Eiffel Tower was also placed in the kiosk that attracted many viewers.. The tiny tots of Grade 1 sang to the tunes of the L’alphabet song. Last but not the least parents had an interactive session with the students and understood the importance of learning French.

Aktivitätsraum : Deutsch

During Culminare 2019-20, the students showcase their talent by displaying various German activities. They were ‘das Auto’- the model of the most renowned German branded car made by the students and they explained that Germany is the most famous country in Automobile industry. They also showcased and explained the famous personalities of Germany through an interesting game- ‘die BerühmtePersönlichkeiten’. There were many chart paper presentation such as- ‘Zahlen’ (the number in German), ‘die Schulsachen’(the school materials on daily basis), ‘die Kleidung’(the clothings ofGermany), ‘ Essen und Trinken’ (the food habits of German people), along with PowerPoint presentation-‘The importance of German language in Worldwide’. Last but not the least a ‘role play’ performed by the students on the topic of ‘Im Restaurant’, wherein the students converse in German how to place order inthe Fast-food Restaurants of Germany and how to pay at the end. It was

an enlightening session where the parents also participated actively and learnt a lot about German language.

Food Stalls and Refreshments

Culminaire provided the platform to the students to show their

marketing skills and do a little assistance for the society. On the day of the culminare, students set up some of the food stalls to sell the edible items to the guests and visitors. The enthusiasm of the students was on peak in selling their donuts, cakes, chaats, sandwiches etc. The motive behind this was to donate the profit for a social cause. It helped the students to do their bit for society.



CULMINARE



CULMINARE



CULMINARE



CULMINARE



KG CULMINARE



KG CULMINARE



MY FAVOURITE CARTOON CHARACTER

My favourite cartoon character is Captain Jake from cartoon serial "Jake and the Never Land Pirates" because he is good boy and he says "YO HO, Let's GO".



Aadya



Fiona is my favourite character because she is magical and she could change colours from green to peach.



Aradhya



My favourite cartoon character is the Pup Zuma from Paw Patrol. I like Zuma because he is brave, rescues people and he is also funny. He makes me laugh. I have a toy of Zuma on a boat too!



Adithya Ramesh



My favourite cartoon character is McQueen, as I like talking cars!



Sayan



My favourite cartoon character Prowl Robot from Transformer as he fights very well and he saves life and he fights bad villain and save the world from evil.



Gaurav



My favourite cartoon character is Elsa because she makes ice power and can make snowflakes....I wish I can do so too.



Cherishma

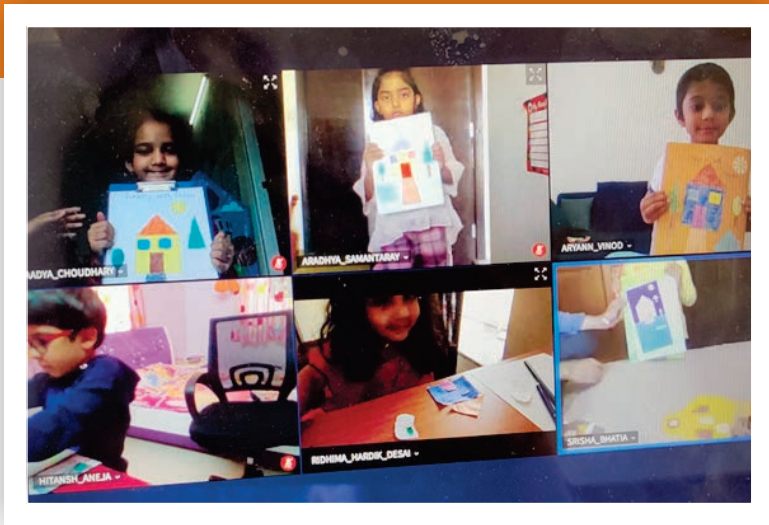


My favourite cartoon character is Daniel the tiger because all his stories are fun and it tells me about how to be a good brother and a good student.

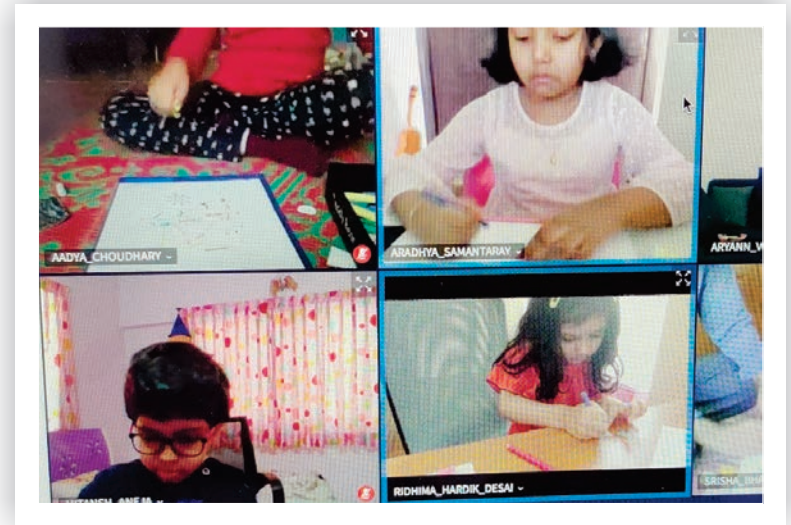


Shiv





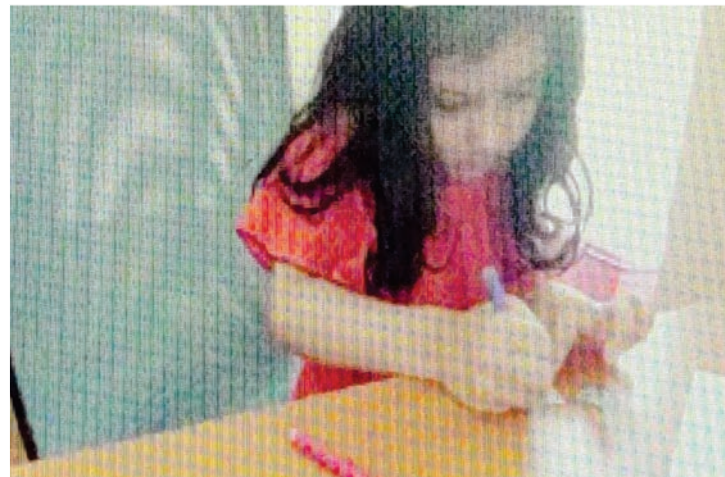
Kindergarten Learning Shapes with Art Integration



Aradhya Samantara, Aryann Vinod



Srisha Bhatia



Ridhima Desai



Aadya Choudhary, Hitansh Aneja



Budget 2020 : Impact amidst Global Parlance

India, being the 5th largest economy in the world, made many policy announcements to increase the GDP (Gross Domestic Product).

India's Fiscal budget was presented by keeping three themes :

- Aspirational India
- Economic Development and
- Caring India

In this article, I aim to provide clarity on the impact of the Budget. The extent of the deficit and the means of financing it affects the money supply and the economic interest rate. High-interest rates mean higher capital costs, lower profits and hence lower stock prices for the industry. The fiscal measures that the government takes through the budget affect public spending. A rise in direct taxes, for example, would reduce disposable income, thereby reducing demand for goods. This decrease in demand will lead to a decrease in output, thus affecting economic growth.

Fiscal Deficit can impact the economy to the extent that they are associated with unproductive government expenditures, crowding-out of productive private-sector investment, high future interest payments, greater inflation pressures, unsustainable commitments to foreign creditors, or any combination of these issues. In the current year's Budget, the Government had to use an 'escape clause' to allow for a planned deficit above the target. Indeed, last year's deficit target has not been met in the face of a slowing economy and challenging implementation of the Goods and Services Tax (GST).

With respect to Revenues, the impact of the Budget depends on the levels and types of revenues and expenditures, since it is a closely contested issue as to which segment of the society got more or less, and how much they could spend or save, which would determine the aggregate impacts. Almost all Indians pay indirect taxes, since they buy goods and services, where the GST comes into play. The Budget continues a process of improving the design and implementation of the GST, which was initially too complicated and cumbersome. The GST will remain a work-in-progress for some time to come, but it may

ultimately be a crucial component in improving India's relatively low tax-to-GDP ratio.

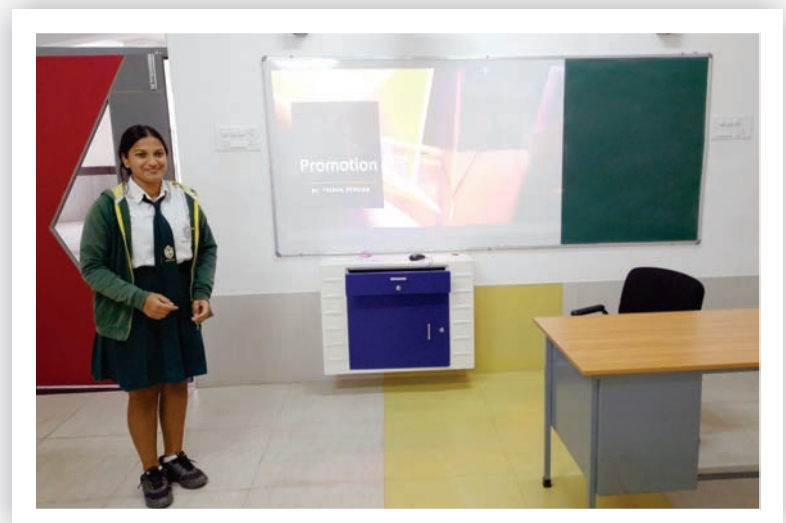
Budget 2020 would lead to creation of a new aspirational India, anchored around agriculture, health, and education. The Budget seeks to strengthen the grassroots of the economy with its positive push towards creation of a strong agriculture infrastructure, which will give a big push to India's rural sector. The rate cuts in the personal income tax rates would increase disposable income in the hands of the Indian middle-class, which will enhance consumption through improved purchasing power.

Clearly, in the current economic slowdown, the Indian Budget 2020 has tried to meet the expectation of global investors and also the common man.

- Anjeeta Dwivedi, Teacher

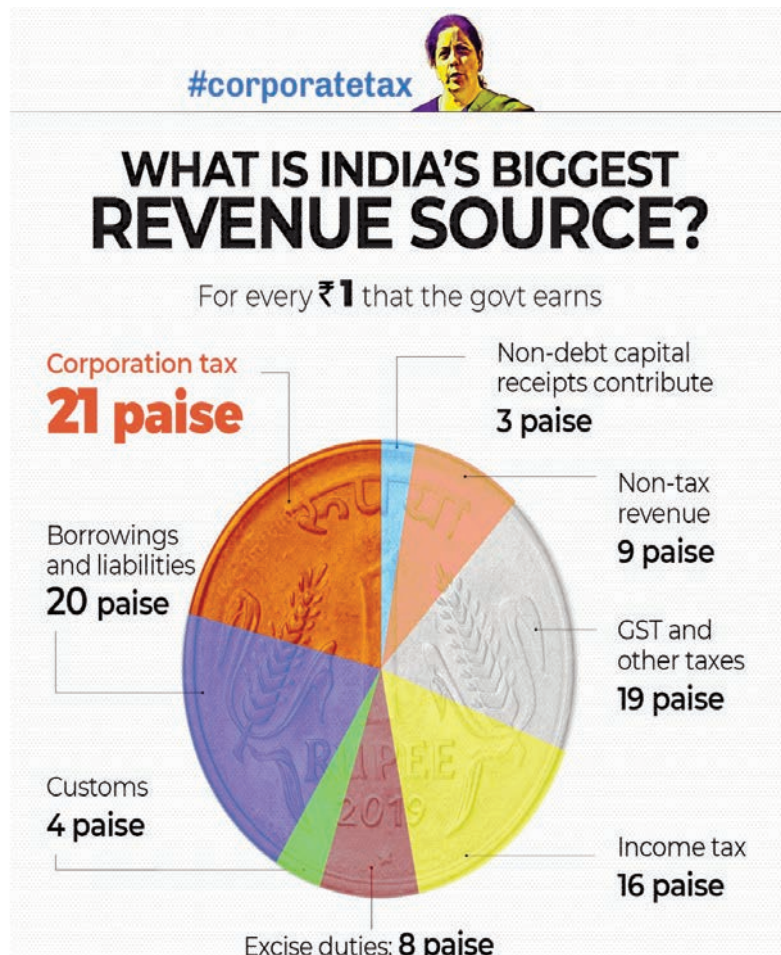
The Corporate Tax Cut

September 2019 saw the steepest cut ever in corporate taxes in India. A corporate tax is a direct tax that the government imposes on large corporations and conglomerates. The government has to tax large companies because these companies provide upto 25% of taxes. This



revenue is then used by the government to provide infrastructure, roads etc. as well as redistribute wealth in the country. So why was there a tremendous cut in corporate taxes in India? From a more than substantial 30% to 22%, and in some cases even 15%.

Benefits For The Government And Corporates

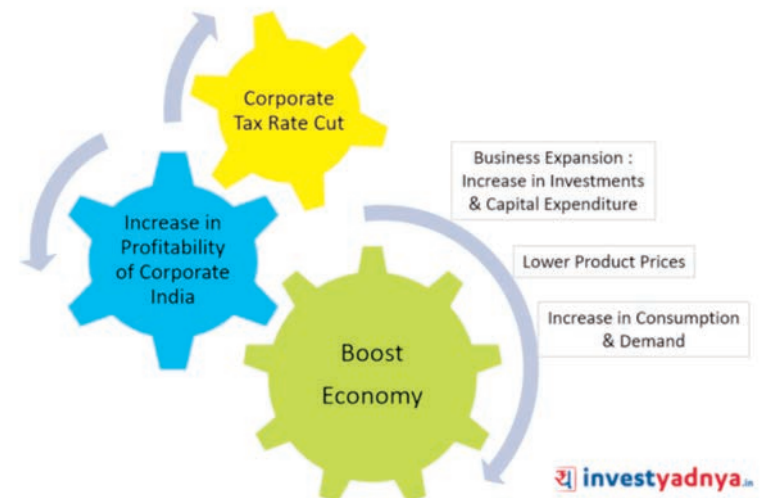


This bold move was an effort by the government to improve the relative competitiveness of India making it comparable with Asian peers as well as to gain a reputation as an international manufacturing hub. This should leave them with more cash for investment and

Corporate Tax Rate Cut – Multiplier Effect on GDP



Corporate Tax Rate Cut – Increased Earnings of Corporates



expansion and persuade them to stay in India. This measure was an important decision, particularly with the slowdown in economic growth momentum, weakening domestic demand and a low GDP

growth. Compared to other countries, corporate taxes were really high, but after the cut more companies will be interested in investing in India hopefully increasing production and sales. The auto industry, a major contributor to the GDP will also benefit from the cut after its slump. Commodity and information technology (IT) services companies will benefit most from the tax rate cut.

- Swayam and Tara Dhondiyal, Grade 9

Financial Crisis of 2007-08

A financial crisis is any of a broad variety of situations in which some financial assets suddenly lose a large part of their nominal value. Financial crises continue to occur from time to time.

The various types of crises are as follows:



- **Banking Crisis :** It refers to the time when a bank's customers suddenly rush to make multiple deposits, which causes the customers to, in turn, lose their deposits which cannot even be covered by deposit insurance.
- **International financial crisis :** These include the times when a country that maintains a fixed exchange rate is suddenly forced to

devalue its currency due to accruing an unsustainable current account deficit which is called a currency crisis. When a country fails to pay back its sovereign debt, it is called a sovereign default.

- **Wider economic crisis :** Negative GDP growth lasting half a year or more is called a recession. A longer or severe recession may be called a depression, while a long period of slow but not necessarily negative growth is sometimes called economic stagnation.

Causes of financial crises

- **Leverage :** Leverage, which means borrowing to finance investments, is frequently cited as a contributor to financial crises. When a financial institution (or an individual) invests its own money (only), it can lose its own money in the very worst case. But when it borrows in order to invest more, it can earn more from its investment, it can lose more than all it has. Therefore, leverage increases the potential returns from investment, but also creates a risk of bankruptcy.
- **Contagion :** It refers to the idea that financial crises may spread from one institution to another. It happens when a bank's liquidity crisis spreads from one bank to another, or from one country to another, as when currency crises, sovereign defaults, and/ or stock market crashes. When the failure of one particular financial institution threatens the stability of many other institutions, this is called systemic risk.

Financial crisis of 2007-2008

The financial crisis of 2007–08, also known as the global financial crisis, was a severe worldwide economic crisis considered by many economists to have been the most serious financial crisis since the Great Depression of the 1930s. It began in 2007 with a crisis in the subprime mortgage market in the United States, and developed into a full-blown international banking crisis with the collapse of the investment bank Lehman Brothers on September 15, 2008. Excessive risk-taking by banks such as Lehman Brothers helped to magnify the financial impact globally.

- Pradyumn, Grade 9

Privatisation of Railways

It was during the last decade of the 20th century that privatization was projected as a possible solution to the problems in the Indian Railways. However, all that it succeeded in doing was to trigger a nation-wide debate as to whether privatizing would be the right step. Listed below are the pros and cons of privatising the Indian railways.

Pros

- **Improved Infrastructure** : A major advantage to privatisation is that it will lead to a large infrastructure, which in turn would lead to improved experience for travelers. As opposed to mismanagement, for example lack of water supply and dirty platforms, it is expected that a private firm will ensure proper amenities.
- **Balancing Quality of Service with High Fares** : One of the biggest issues with the Indian Railways is that the quality of services provided doesn't match up to the high charges paid by the travelers. Supporters of privatisation say that this problem will be solved when private firms are able to enter the sector since the change would encourage competition and hence lead to overall decrease in the quality of services.
- **Lesser Accidents** : With private ownership comes larger maintenance, supporters of privatisation point out that it will reduce the number of accidents, thus resulting in higher monetary savings in the long run.

Cons

- **Coverage Limited to Lucrative Sectors** : An advantage of Indian Railways being government-owned is that it provides nation-wide connectivity irrespective of profit. This would not be possible with privatisation since routes which are less popular will be eliminated, thus having a negative impact on connectivity. It will moreover make some parts of the country inaccessible and remove them

from the process of development.

- **Fares** : Given that private firms run on profit, it is but natural to seem that the easiest way of getting profits in Indian Railways would be to increase fares, thus making the service out of reach for lower income groups. This will defeat the purpose of the system which is meant to serve the population of the country irrespective of the level of income.
- **Accountability** : The fact that private companies are unpredictable in their dealings and do not share their secrets with the world at large. In such a scenario it would be difficult to pin the problems on a particular organization.

Survey of American aviation sector has proved that privatisation may not be the way to solve problems in the Indian Railways. Maybe the need is to find a well-turned solution that would incorporate the pros of both private and government occupancy and enhance the image of Indian Railways as it continues to serve the world's largest democracy.

- Chris and Oshna, Grade 9

Beyond Vision : Psychology

Over the years, my love for psychology has turned into my passion for this subject. The subject often serves as a true mirror of oneself, which reflects not what you see but what you cannot see with your naked eyes. It takes you to that deep ocean where as you swim down, you do not drown but become more aware and more alive.

A human, being a social animal, can never stay in isolation. All the time we interact with others, directly or indirectly. We all have a natural instinct to understand others but studying psychology makes this task altogether much easier.

As a counselor, I have realized that often many are unaware about their own self! I try my best to show them their own reflection. And soon, like a flower, each petal starts to unfold, releasing a fragrance that had been snared in captivity. Psychology doesn't give solutions, it just makes the person realize the cause behind the problem. Knowing the problem is half the problem solved.

One need not be a professional psychologist to understand others and especially oneself. No matter in which field you make your career in, every single field involves psychology. A sports person needs to understand the reasons for his anxiety and how to overcome it in order to perform better. A good teacher does not just strive to finish off their portions but also build a relationship with the student by understanding their needs. A CEO is not the one who works hard but the one who understands the needs of his employees and how to deal with them. An architect does not just design and get buildings made without understanding the feelings and thoughts of his clients. Psychology is an ongoing process and we use it all the time. It is one of the most fascinating and mind-blowing subjects that takes you to those dark recesses of one's heart that one has never dared to peep.

Psychology has developed a deeper love and understanding towards mankind. I realize that as I start understanding the reasons for the behaviour of the people around me, my hatred, my intolerance and my grudges towards them start to vanish. Who doesn't hate a sinner? Who doesn't curse an abuser? While not defending them at all, it has been observed that every abuser had once been abused himself in their childhood. A mother may hate her baby but a small baby can never hate his mother as he is not even aware of the emotion named 'hatred'. Basically a human baby is full of love to share around him until he encounters the traumatic, sad or negative events around him which gradually shapes up his behavior over the years. Hence, a person is not to be hated but to be understood.

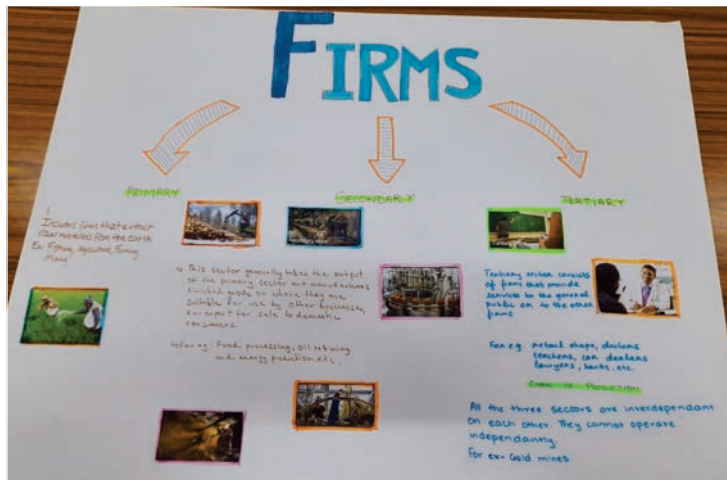
The study shows nearly 2.3 lakhs of suicide cases every year in India alone. Out of which major reasons are depression, personal relationships, exam pressure, etc. Psychology can help a person to deal with such situations in a much better way. After all, it's all about the perception that the person has about the problem.

I am glad that I am on my way to explore much more, as I see there is an ocean ahead of me, in which I am swimming already, and do not wish to find any land to stop by.

- Harsimar Anand, Teacher



COMMERCIIUM



Making collage of classification of firms (Grade 9)



ENVIRONMENT DAY

Environment Day

It is very important for all of us to realise that the environment is not a crate of unlimited resources but a gift that is to be preserved carefully. It is the only thing that makes life sustainable. In my life, this day has an important significance as I plant a tree every year on this day and enjoy the simple, minimalistic beauty of nature and the joy that it brings to us. We must indeed cherish it and not take it for granted.

- Tamanna Das, AS Level

The recent outbreak of Covid-19 has impacted many factors of our planet. Unlike the effect on the economy and people which has been negative, the impact of Covid-19 on the Environment has been beneficial. The planet has since seen a drop in carbon emissions by 17% globally and by 26% in India. This was a necessary break needed to flatten the continuous upward graph of global warming.

- Oshna Dhanorkar, Grade 10

COVID-19 is the latest example of how human impact on biodiverse areas and wildlife habitats leads to the spread of infectious diseases. Reversing biodiversity loss, by changing human behavior, is the only way to restore and sustain a healthy planet. It is time to reimagine our relationship with nature and put nature at the heart of our decision-making.

- Tashvi Aneja, Grade 8

Unlike previous years, this year's environment day have made every person pause and notice how nature can heal if we make simpler adjustments in our living choices and notice that it has made our environment very neat.

- Aarush Madhukar, Grade 7

This pandemic has made people realize what a beautiful planet we have, but in our race for development we are destroying and harming our environment and we are also using fewer resources, such as fuel and electricity. These days the air around us is healthier and fresh. We have learnt that we can make the Earth a better place for us to live in and we can live with the simplest things in life. Let's make the environment better without any world crisis making us realize it.

- Riya, Grade 7

Pollution is the biggest enemy of biodiversity as it cripples air, soil and water quality. Because of COVID-19 and the resulting lockdown we are finding rivers to be cleaner and air quality to be exceptionally pure where one can see distant mountains and the bottom of rivers.

I will plant saplings in my neighbourhood and encourage all and sundry to do the same on this world environment day and take a pledge with the best of my ability to stop people from polluting rivers, soil and air.

- Arnnav Sharma, Grade 7

These difficult timing has taught us to value gifts from nature. Let's all pledge to save our nature and make this a co-living place with all the living creatures of the world.

- Raghav Nischal, Grade 6

Unlike previous years, this year's environment day has made every person pause and notice how nature can heal if we make simpler adjustments in our living choices and notice that it has made our environment very neat.

- Aarush Madhukar, Grade 5

You can change the world starting with a few differences in daily life. Don't buy products that harm the environment like plastic, if you already have them, reuse them instead of recycling which causes pollution.

Keep planting more, does it hurt to plant a seed instead of throwing them away? You can get fresh fruits and vegetables and if planted inside, you can get more oxygen too.

- Ayesha V, Grade 5

The corona virus pandemic has caused a global reduction in economic activity and although this is a major cause for concern, the ramping down of human activity appears to have had a positive impact on the environment. The drastic measures taken by governments because of the spreading of the novel corona virus, and the shutdown of factories, commercial establishments, and vehicular movement, has resulted in a drop in the pollution levels across the world. Photos of reduced smog in China, unpolluted canals in Italy, and wild animals

ENVIRONMENT DAY

roaming the streets in the United States have helped and give hope to a demoralized global population.

On the other hand, there are also negative secondary aspects such as the reduction in recycling and the increase in waste, further risking the contamination of physical spaces (water and land), in addition to air.

- Dhriti Vohra, Grade 5

The greatest learning, this environment day, from these tough times is "If you do not take care of the earth, it won't take care of you."

- Aadhik, Grade 4

It is high time to join our hands and inculcate the habit of plantations. Let's pledge together and make our environment inhabitable for the other animals. The cities and the roads that were built over the forest has devastated the habitats of forest animals. With this, I would like to conclude, sooner or later if we do not compensate back by giving a new life to nature, the consequences will be far more unimaginable.

- Saanvi Singh, Grade 4

World Environment Day is a global event to spread awareness among human beings to understand the importance of our mother planet. The major objective of this day is to protect our mother earth and address all the environmental issues growing day by day.

- Sai Sankalp, Grade 3

All the sources that we use for living comes from mother nature and we humans misuse nature always. This year, during COVID-19 since we were locked-down we indirectly helped nature by decreasing pollution, deforestation, excess use of unwanted things etc. COVID has helped and given our nature time to heal. To make it better, though we are staying at home we should start planting more trees and further avoid harming nature by using unnecessary resources. We should even avoid stepping out from our house so that we give mother nature enough time to heal herself.

- Chiara Sai Pavan, Grade-3

During the Covid - 19 situation we have seen that as India was under lockdown, the pollution levels have hugely come down. This shows

that each one of us can make a big difference to the environment, just by bringing small changes to our lifestyle.

- Rusabh, Grade 3

Just as we celebrate our birthday in a special way, we celebrate world environment day to make our mother earth feel special and loved by her children. On this day, people take special action to protect mother earth. Children plant trees to make the earth look more beautiful.

- Ayyukth Shreyas, Grade 3 A

Let us save our Mother earth. Create a clean and green, pollution free environment for coming future generations.

Banning plastic, recycling, saving water, planting more trees, saving wildlife and animals are some of the steps which led us to a better environment.

Let us save our environment for a better future by planting more trees and making a plastic free Environment.

- Siddhaarth Aravinthan, Grade 3

This year environmental day is different because

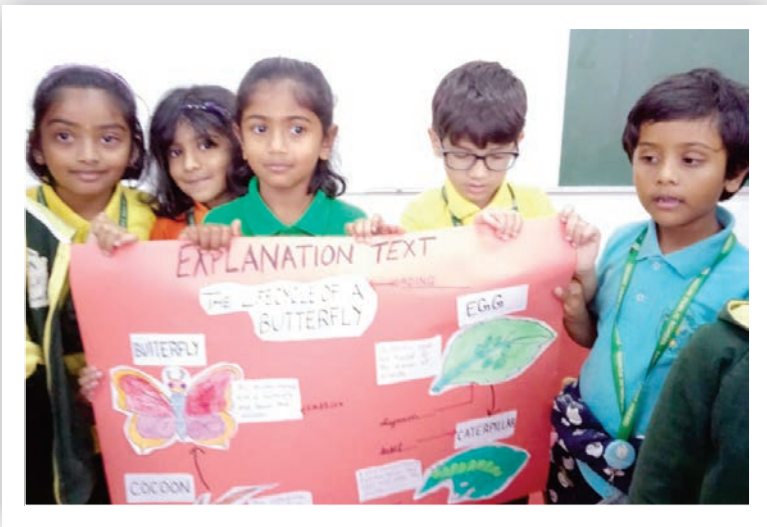
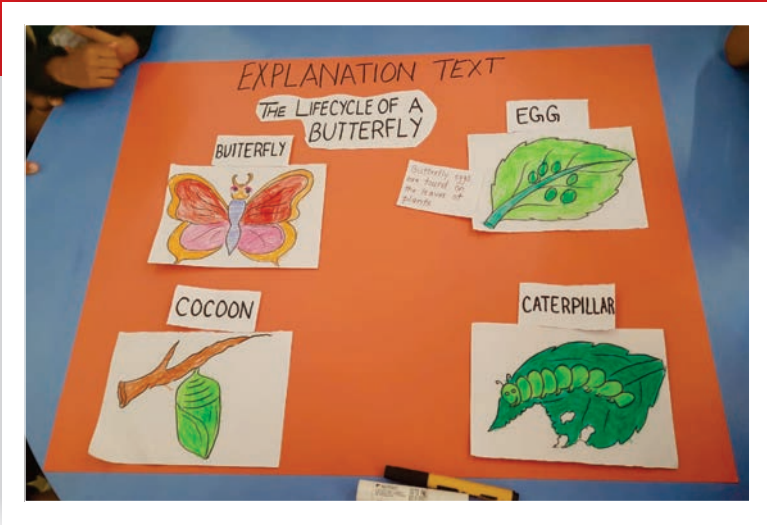
Deforestation is reduced,

Vehicle pollution is reduced,

Industry wastes are reduced.

Let us keep this up.

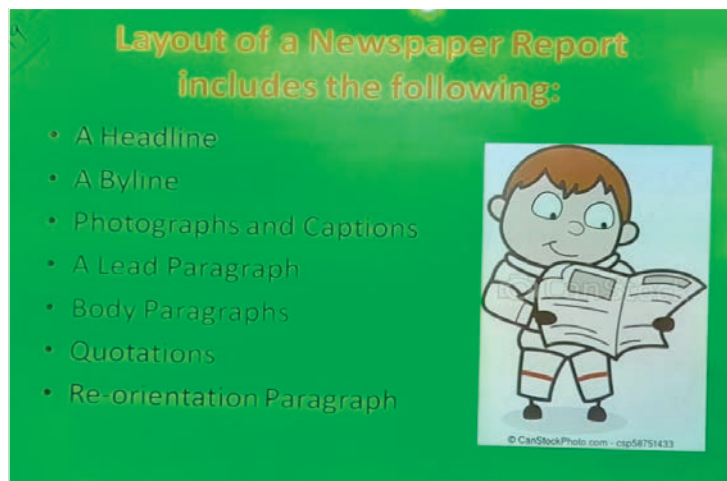
- Thanishka, Grade 3



Students of Grade 1 learn how explanations use different features to make information easy to read.



Students of Grade 2 participate in a story telling contest 'TIGER-My Friend' sensitizing their fellow students about the endangered species of 'Tigers'.



Grade 3 : Newspaper Report : Students of Grade 3, identifying the 'layout features of a Newspaper Report'.



LARK STORM



Grade 4 students create freeze frames to show the emotions of the characters of the famous myth, 'King Midas and the Golden Touch'.

LARK STORM



Children's day was celebrated with much enthusiasm. Ms. Soma Bhattacharya and Ms. Tuli Chatterjee hosted the program. Teachers sang and danced to show their appreciation towards students. Certificates of Merit were distributed by Ms. Kriti Bhatia.

LARK STORM

Butterfly

Butterfly, butterfly in the sky,
Hope you could see, hope you could fly,
Oh ! so colourful, Oh so beautiful!
Hope you don't cry,
Give a big smile!

- Kavya Ashish Maliye, Grade 2

Butterfly

Colourful, beautiful, graceful,
Butterfly flying in the sky.
Oh! What a beautiful sight!
Curved antennae, thin little wings,
Amazing patterns in bright colours, on these wings.
Oh! You pretty little creature,
What are you doing there?

- Grace Chawla, Grade 3

Christmas Time

Everyone,
It's Christmas,
Travel through the snow,
Buy a bow,
In the night,
Find Santa,
And ask for Fanta,
Another thing that is possible,
Is that you can feed reindeers,
Because they only come once in the year.

- Phil Daniel, Grade 3

Searching

Flashback:

Narrator: It was a rainy night and a boy, who was looking for his grandparents, not knowing his end was near.

The Boy: Help! Help!
(Gunshot) Boom!

Narrator: His voice lost in the darkness, never to be seen again.
(Present Day)

Police Officer : We have been having lots of cases lately.

Assistant: Sir, we have another case, a boy looking for his grandparents has gone missing.

Police Officer : Send me the files of the boy.

Assistant : Yes, Sir.
(After reading the files)

Police Officer : Hmm, I'll have to tip the secret service.
(Searching)

Police Officer : Aha, I found his name, it seems his dad is alive and his mom died of cancer.

Assistant : So! Where to?

Police Officer : To North Carolina!
3 hours later.....
(Doorbell) Ring! Ring!

Dad : Who's there?

Police Officer : We've come to look for your son.

Dad : (sigh) He's dead.

Police Officer : Maybe not, we need some information from you.

Dad : Fine!

Police : When did he go missing?

Dad : 21st Dec, the longest night of the year!

Police : Mysterious.

Assistant : Indeed.

Dad : Wait, there is something else.

LARK STORM

Police : A scroll! What does it say?

Dad (reading the scroll) : Deep in the jungle, lies a boy but who shall enter, as it is hard to find, you'll have to look with your blind eyes.

Police Officer : Interesting! Leads to the jungle.
(1 hour later)

Police Officer : We're here!

Dad : We'll build a hut here!

Police Officer: Let's find a comfortable spot for the night.
(After a stroll for 20 mins)

Assistant : Here is a nice place.
(After building the hut)

Police Officer : Good Night, Everyone.
(Next Morning)

Police Officer : Let's start our journey!
(Walks forward)

Assistant : What happened here? Look at this tree; it has a star on it?
Police : Hmm, press it, see what it does.
(After pressing)

Assistant : Look! There is an underground base. Let's go inside.
(After going inside)

Kidnapper : I have been waiting for you, Agent Strange.

Police Officer : Same here.

Kidnapper : (gunshot) boom!

Police Officer : (Dodging the bullet) Sike!

Assistant: (hits kidnapper) Take that!

Police : (cuffs him) You are not getting out of this.
(After an hour)

Police : There you go safe and sound in your new home "the jail".
(Police van comes)

Kidnapper : Really?
(Assistant shoots security van driver)
(Assistant shoots police)
(Dad comes between them)

Police Officer : Nooooooooo!!!
(Assistant tries running)

Police Officer : You are not going anywhere.
(Police tries running behind assistant)
(Kidnapper shoots police officer on the chest)
(Police Officer falls down)

Kidnapper : Done for good.

Assistant : We will assassinate the boy the day after tomorrow.

Kidnapper : Yeah, now how can they stop us!
(1 day later)
(Police walking with many stitches)

Police Officer : I should have not trusted him. Now I have to find their base again. (Walks on stage) Wait ! I had put a tracer on him so I could trace him.
(Checking the tracker)

Police Officer : Woohoo!.
(The next day)

Kidnapper : Well, boy your dad is dead, mom is dead and even you are gonna die. (Police Officer shooting bodyguards)

Kidnapper : Say your last words.

Police : Not really...
(Assistant takes out gun)
(Police Officer uses kidnapper as a shield)

Assistant : Well I don't care about you but my money.
(Assistant shoots kidnapper)

Police : I won't let you go this time.
(Police runs after assistant)

Assistant : Dead end !

Police Officer : You are dead today.
(Assistant runs to police officer lifts him and throws him)
(Assistant runs and kicks police officer)

Police Officer : You are the person who's said to always have a secret weapon. (Police takes a hidden gun and shoots him)

Police Officer : Done for good.

Police Officer (to other policemen) : Lets free the boy and CASE OVER

THE END

- Abhivadhya Mishra and Darsh Chawla, Grade 5

Morning Glory

I have a little plant: which is called Morning Glory,
Whenever I go near it, it says 'hello'.
I always say 'hello' back.
Its leaves are huge and its flowers are cute,
That is why I call it 'cutie pie'.
If it dies, I will start to weep,
If somebody plucks the flower, I feel upset,
But it's always mine.
My little Morning Glory; my little friend.

- Tulika A, Grade 5

Save the Earth!

If we use too much garbage, the Earth will be sad,
If we use jute bags, it helps us good.
Save water so that the Earth won't go dry
Which makes us thirsty and finally die.
Save trees for the Earth to be called green,
Otherwise from space the green would be unseen.
Save the electricity
Otherwise there will be no city.
This poem may be small
But this could save all.
PLEASE SAVE THE EARTH!!!

- Tulika A, Grade 5

The Sun

The Sun is a bun in the morning fun,
Its light is as bright as a sparkling diamond,
It's an oven out in the open,
It shines like the gleam of a sword.

It's a glowing ball of light,
The Sun is the star of the show,
And even as a star, so far away,
It gives us solar power to run our things.



It shoots away morning darkness,
And banishes the clouds,
From the sea comes the Sun,
To lighten our faces.

Sun is the happiest when its young,
Sunday, Sunday, shouts coming his way,
Finally, he sets his journey back to the sea,
and we all say goodbye.

- Aditya Singhal, Grade 5

The Very Helpful Boy

Once upon a time there was a boy called Rahul. He lived with his parents and his grandmother in Delhi. Rahul was a very active, friendly and healthy boy. He helped his family and friends whenever

they needed him. One day in the peak summer season, his grandmother fell ill and needed medicine which was not available at home. His mom asked him to go to the pharmacy opposite to their house and get the medicine, if it was available. Since, Rahul was a very helpful boy he happily went to the pharmacy. When he came back he told his mom that they did not have it. He suggested there was a pharmacy around 10km away from their house and he could walk all the way there to buy the medicine, but his mother refused and said “No, son, that is too far away and especially in this heat I will not send you, as it's not urgently needed we can ask your father to get it on his way back home.”

Though Rahul's mother had refused, Rahul still wanted to help get the medicine for his grandmother. So, he thought of a plan and packed a bag with two big water bottles, some snacks, a handkerchief and some other things he needed. He woke his mother from her afternoon nap and told her that he was going out to play and because she was half asleep she did not realize that he had a bag with him and he also mentioned that “Mom I will be coming late today because all my friends are coming”. So she agreed and went back to sleep. So he left and started his 10km journey at 3:00 after lunch.

Later, that day around 6:00 pm Rahul's friend came knocking at their door looking for Rahul and both he and Rahul's mom were shocked to find that Rahul was neither at home nor had gone down to play. Rahul's friend left and his mother was left worried. After some time of thinking, it struck her that he must have gone to that 10km away pharmacy. She called her husband quickly and narrated to him the whole episode. Rahul's father assured her “I will look out for him and buy the medicine too”. It was almost at the same time that Rahul and his father reached the pharmacy. He saw his father coming and tried to hide from him but he was too late and his father had already seen him. On their way back home in the car his father scolded him for his irresponsible behavior and said that everyone at home was worried. When they reached home his mother was so angry but relieved that he was safe.

Once Rahul had handed the medicine to his grandmother, he was made to realize his irresponsible behavior. His parents told him that it is good to be helpful but should also be responsible. Rahul learnt a

lesson that being helpful is good but only to an extent which is in our reach and does not cause trouble or tension to anyone. Thereafter, Rahul always remained a helpful boy, but always thought about it responsibly.

- Riya Malhotra, Grade 6

Communicating effectively across cultures

India is a country of so many different cultures. It is an extremely important aspect of life to be able to understand what people from other cultures are trying to communicate in a one to one or one to many situations. Ten Tips for Cross Cultural Communication. Communicating across cultures can be confusing and uncertain—unless you have the right frame of mind and approach. These practical strategies have been developed by people working across the globe to help you prevent misunderstandings and communicate effectively across cultures.

- **Slow Down.** Even when English is the common language in a cross-cultural situation, this does not mean you should speak at normal speed. Slow down, speak clearly and ensure your pronunciation is intelligible.
- **Separate Questions.** Try not to ask double questions such as, “Do you want to carry on or shall we stop here?” In a cross-cultural situation only the first or second question may have been comprehended. Let your listener answer one question at a time.
- **Avoid Negative Questions.** Many cross-cultural communication misunderstandings have been caused by the use of negative questions and answers. In English we answer ‘yes’ if the answer is affirmative and ‘no’ if it is negative. In other cultures, a ‘yes’ or ‘no’ may only be indicating whether the questioner is right or wrong. For example, the response to “Are you not coming?” may be ‘yes’, meaning ‘Yes, I am not coming.’
- **Take Turns.** Cross cultural communication is enhanced through taking turns to talk, making a point and then listening to the response.
- **Write it Down.** If you are unsure whether something has been

understood write it down and check. This can be useful when using large figures. For example, a billion in the USA is 1,000,000,000,000 while in the UK it is 1,000,000,000.

- **Be Supportive.** Effective cross-cultural communication is in essence about being comfortable. Giving encouragement to those with weak English gives them confidence, support and a trust in you.
- **Check Meanings.** When communicating across cultures never assume the other party has understood. Be an active listener. Summarise what has been said in order to verify it. This is a very effective way of ensuring accurate cross-cultural communication has taken place.
- **Avoid Slang.** Even the most well-educated foreigner will not have a complete knowledge of slang, idioms and sayings. The danger is that the words will be understood but the meaning missed.
- **Watch the humour.** In many cultures business is taken very seriously. Professionalism and protocol are constantly observed. Many cultures will not appreciate the use of humour and jokes in the business context. When using humour, think whether it will be understood in the other culture. For example, British sarcasm usually has a negative effect abroad.
- **Maintain Etiquette.** Many cultures have certain etiquette when communicating. It is always a good idea to undertake some cross-cultural awareness training or at least do some research on the target culture.

Cross cultural communication is about dealing with people from other cultures in a way that minimizes misunderstandings and maximizes your potential to create strong cross-cultural relationships. The above tips should be seen as a starting point to greater cross-cultural awareness.

- Madhumita Acharya Sahu, Teacher

Dark Thoughts

It's midnight and the lights go out. Bella steps into the pitch-black

garage to check on her home's circuit breaker. Suddenly, a bony hand reaches out from behind her and wraps around her neck and mouth, gagging her, pulling her back into the deep recesses of the darkness.

Bella tries to scream but is muted by hand holding her mouth tightly shut. Tears begin to stream down her face as she struggles to get free. Her eyes widen when she hears the creature whisper in her ear, unable to make out what it says as it sounds like a cross between a hissing snake and chirping insect.

In the continuous struggle, the creature makes a grave mistake on its part as it lets go of her body with one hand in an attempt to cover her face fully. Before Bella can suffocate from the creature's hands overwhelming her face, she takes full advantage of the opportunity.

She throws her hips back and feels the impact against the body of the creature. It loosens its grip on her and she sprints forward. Unable to see, however, and disoriented from the attack, Bella runs into a wall, hitting her head and falling to the ground.

Panting heavily, she tries to get up as her eyes finally begin to adjust to the pitch-black darkness. It's not much, but she can see the outlines of most of the objects in the garage, freezing upon seeing a pair of glowing yellow eyes across from her.

Time seems to slow down as her adrenaline pumps hard in her body, gushing through her veins as she feels the cool sensation of blood dripping down from her head, a droplet landing on her hand. Looking around, she senses where she's located in her garage and knows that the door is just a few feet away from her, but it's in between her and the creature.

Bella hears the terrifying sound of the creature once again with an added sound of smacking as if the creature is licking its lips. She knows she'll only have one chance to make a move for the door.

Gathering her remaining courage and keeping her eyes on the creature's yellow eyes in front of her, Bella stands up and sprints towards the door.

The sprint lasts only a couple of seconds, but in those brief moments, out of the corner of her eye, she sees the creature move towards the door to capture her.

Her night vision adjusted eyes are just enough to make out the faint shape of the doorknob and she storms back into the house. The creature grabs her arm with its bony hand once again, but this time, Bella's defensive instincts are on full alert and she throws a blind punch in the creature's direction, striking it.

She hears the horrifying sound of the creature one more time as she slams the door shut behind her, immediately locking it behind her before she slides down, her back toward the door. Her adrenaline allows her to release tears of pain as she curls into a ball, still feeling the blood oozing from her head as she clutches her wound in misery.

- Sushmithaa Danabal, Grade 7

Grade 5

We played, we laughed, we talked.
Together we all walked.

We were just kids not much grown up,
Every so once we shared a hug.

We shared food during lunch.
It was definitely worth a munch.

Sometimes we cried, we fought, we lied.
But we were always together-tied.

We went on a trip to a wonderful farm.
Teachers and students arm-in-arm.

Every day, every time,
I wish I could go back to Grade 5.

- Sushmithaa Danabal, Grade 7

How to overcome your biggest fear

1. Challenge your fears away

Why should you allow your thoughts to dictate what you will and will

not do in life? Don't become a slave to your thoughts; master them instead. Challenge the negative thoughts. Your ego loves to run the show, but to overcome your biggest fears, you can't allow it to take center stage.

2. Focus on other things besides what you're afraid

If you have too much time with you, your mind will need something to keep it busy. And unfortunately, the mind just loves to worry, and plan, and analyze. And sometimes it gets carried away and tries to solve problems that don't even exist yet. When thinking of ways to overcome your biggest fears, try to remember that what you give the most energy is to yourself.



3. Practice meditation

Meditation allows you to sink slowly into a deep mind of relaxation, surrendering to the present moment and removing fear in the process. Many studies have shown how meditation can reduce anxiety and stress by detaching us from our thoughts temporarily.

4. Forgive yourself

Fear will only keep showing up until you can apologize to yourself, and simply allow your feelings to move through you rather than constantly fighting them.

5. Express gratitude

Fear stems from a discomfort of the unknown, but gratitude begins with focusing on what you've been blessed with already. Feel grateful for your fear, and then you can start cracking through the resistance

you've built against new experiences, people, and places.
- Jannah Jabir, Grade 6

Not What It Seems

Something back there, following you,
Footsteps cutting through the silent dark.
You think it's just a bad dream, but it's true.

The creature behind you makes its mark.
It's getting closer and closer,
Eyes glowing white and teeth gleaming sharp.

You're cornered into a closure,
Getting very afraid,
Shifting to a defensive posture.

What happens next gets marked in your head.
The follower stands, waiting there.
It seems you're not yet dead.

The creature decides you're not worthy
To be taken by it.
It turns its head and starts to leave.

- Parnavi Kumawat, Grade 7

Perfect

This is who you are.
Only you, every hour.

Your body, don't hurt it.
You are imperfectly perfect.

Don't let others get to you.
Who are they to judge what you do?

Haters gonna hate.
Doesn't mean you aren't great.
You're perfect no matter what,
From the bottom to the top.

- Parnavi Kumawat, Grade 7

Spirit

Dangerous spirit, walking on air.
Dress glowing white, skin pale and fair.

More power than one could ever imagine,
All towards her, unequally rationed.

A second moon, lighting the night.
Eerily shining, an intimidating sight.

Keep your distance, don't go near.
She'll destroy your soul, not shed a tear.

Under the clouds, over the hills,
Next to the moon, past the mill.

There goes the small but dangerous spirit,
Lighting the dark, listening to crickets.

She is the devil of the void.
She holds more than secrets inside.

Mistress of the moon and stars,
Spirit of the dwelling dark.

She glides with grace through the night,
But has to flee at first light.

Weakened spirit, hiding alone,
Waiting for night in a cave of old.

- Parnavi Kumawat, Grade 7

Take Me With You

Oh beautiful, travelling Moon,
Everywhere I go, I always see you.
In my mind I'm where I once was.
I remember you there too.

Every day I wish to go back

To somewhere in the past.
So take me with you
This time you circle the world.

Over the raging seas,
Under the evergreen woods,
On through the driest deserts,
Through the freezing snow.

Every time I look at you,
I'm reminded of my past.
But this time is for new adventures,
So take me with you.

- Parnavi Kumawat, Grade 7

Thank God

Thank God! I have less brains,
that can read lines
but not read between the lines.

Thank God! I have less brains,
that makes 1 and 1 equal to two,
and not equal to eleven.

Thank God! I have less brains,
As my heart weeps to see others in pain,
And smiles when others are happy.

Thank God! I have less brains,
Which can help me earn a living,
But not a heap of money.

Thank God ! I have less brains,
As it helped me to be a better human,
Than those who have 'extra brains' !!!

Thank God !! You have given me a balance
Of brain and heart, sorrows and laughter,
I pray you shower the similar,
To those who crave for either!!!

- Ms. Soma Bhattacharya, Teacher

The Shed

It was late afternoon, on a blazing summer day. I was at my friend's house. It was an average old house, inside it were pale ivory walls and a dull green wallpaper with a checkered design. The kitchen had a light fairy pink color. Overall the house made a vintage sort of effect. It even had a backyard which led to the neighbouring woods. Of course every backyard contains a shed.

The shabby gable roofed shed was lofty and broad, at least I thought it was, no one has ever walked inside the shed because it was always locked. The key was with my friend Sarah's mom, so there was no way we could get in. Something never felt right about that cedar shed. Once, while hanging out in the backyard Sarah and I heard thumps from the shed. It was as if someone or something was plodding. We notified her mom, who seemed to care less as she said they might have been rats, yet she never checked.

Today was different, because today in the backyard, beneath the shady maple trees next to the blackberry bushes was a shed with its door open just a crack, waiting to get a glare. I told Sarah if she was aware about this. She stated that her mom doesn't like her going near it, nor has she ever thought of doing so herself. I asked her if she wanted to go inside and she agreed.

We took a glance indoors to see if the coast was clear. Her mom was languorously busy watching her tedious tv shows. We stealthily headed upstairs to Sarah's room. I grabbed a flashlight and a baseball bat, as Sarah equipped herself with a Nerf gun. "What's that gonna do?" I taunted, "well it's the next best thing I could find" Sarah answered. With Sarah's mom out of the way we struck a move.

I opened the shed's tacky door, Sarah quickly pointed the gun towards the sheds entrance in a nervous manner. "THUD!" as we entered, the rotten door behind us slammed shut, leaving us both traumatized. All of a sudden, the room turned tenebrosity. The only light present was the one peering through the slender cracks on the derelict wooden walls. I immediately turned on the flashlight with a flick.

There were a few elderly english paintings from about the 18th century, and some aged books which looked antique. There were corroded cans lying on the creaky floor. The only tools the shed did contain, was a rusty bucket with a hole and a crowbar. Sarah replaced her Nerf gun with the crowbar, as we probed around.

In the back there was nothing but broken down furniture, buried under a blanket of dust. "Hey look at this" Sarah informed, "it's an old book". The book looked untouched for years, it had yellowish pages, with a dark brown cover that read "folklore" in gold. "There is nothing but myths and fables in here" Sarah claimed.

Right then a small piece of paper with foxed edges fell out, it was a map. I scrutinized it, "Wait, I recognized the place, it's the groves of the tall tale forest, near pioneer brook," I exclaimed. "We went there, Sarah for hiking. Remember, we got lost," I added.

I remember running through the bushes as their briars caught my jeans. Both of us gasped for air as we ran around in circles trying to find our way back, scared and afraid, at dusk. Until an orange sign grabbed my attention, and we dashed towards it leading us towards the park station as a ranger escorted us to our worried mothers. We were only nine years old, but now we are 14. I guess that means we are going back to find out what remains unfolded.

- Varuni Sukhtankar, Grade 9

We Will Unite

You say you know me,
But really, you don't.
You tell me to trust you,
But I know I won't.

The world is different
In your eyes and in mine.
What you see are fools,
Not stars that shine.

If this place was a prison
Which it clearly is
You'd be the worst warden,
Never to be missed.

So read this poem,
And tell me how you feel.
I doubt It would be much;
Your emotions aren't even real.

If one of us went missing,
You wouldn't even care.
You wouldn't even notice
That someone isn't there.

You say we yell a lot,
But that's just your own voice.
You close the vents and suffocate me,
Saying it's to block the noise.

We can't show our emotions.
It seems we have no rights.
Because you're the one in power,
The one with the highest might.

You may think you can control us,
But we are strong inside.
In this fight to be equals,
We will unite!

- Parnavi Kumawat, Grade 7

Soul

Into the deep, thick forest I go,
To lose my mind and find my soul.

The noise of the city no longer here,
All madness disappears.

Big and dusky they stood,
magnificent beauty is misunderstood.

The sunlight danced on the river,
up my spine goes excited shivers.

- Sushmithaa Danabal, Grade-7

The Budding Archaeologist

Mia was an eleven year old girl who lived in London. Mia was a very curious, determined, adventurous and smart girl.

On a sunny and bright Saturday, Mia went out to play with her

friends. While she was coming back sweating from her game of tag, she saw a tunnel which she had never seen before. She was very excited and determined to explore that tunnel. She decided to go home, change her clothes, get a snack to eat and an equipment in her adventure bag. After reaching home, she changed her clothes, packed her bag and came downstairs.

She said, "Mom can I have a snack to take with me while I go to a new tunnel to explore?" Her mother was not astonished to hear that her daughter wanted to go explore a new tunnel. In fact she was angry and said "Mia are you crazy? It is getting dark and it is almost supper time, besides what is there you want to explore in the tunnel it might also be very dangerous."

Mia on the other hand was very determined to go explore the tunnel. Her mother said she could go the next day in the morning. Instead Mia had a plan to sneak out and discover the tunnel at night, so she agreed to her mother, without telling her mother about the plan she made and went to sleep early that night.

At 11:30 in the night when her parents were sleeping Mia quickly, but quietly changed her clothes, took out her bag and sneaked out of the house. When she reached the tunnel she switched on her flashlight to look around. Since there was no other light than her torch all she could do today was explore. When she started exploring suddenly she tripped on a stone and fell. When she checked to see what happened, her hands were bruised black and her knees were red from bleeding. She was hurt and could not walk properly. She started to get home and by the time she reached it was dawn.

When she entered the house she saw her mother doing the laundry and started to tremble as she knew that her mother would scold her if she told everything and saw her in that shape. Therefore she started climbing the stairs but was too slow and her mom caught her. She started scolding Mia but when she saw all the bruises and bleeding, she immediately woke her dad up and the three of them went to the hospital. "Thank God that nothing happened to you Mia, what were you thinking? You could have broken a leg!" her mother said. Her father too agreed and they decided to ground her. She was very sad and angry so she did not eat her breakfast and immediately went to

her room when they reached home. She plopped onto the bed and thought about what she could find in the tunnel. After two to three minutes of thinking she suddenly fell asleep as she had not got proper sleep that night. When she woke up it was lunch time. She could smell the nice aroma of her favorite food- cheesy pasta.

When she finished her lunch, she asked her parents, "Mom, Dad, how long am I grounded for?" Her parents thought for some time and decided one week. Mia barely used to get grounded but when she did it was for three to four days so she was very unhappy and went back to her room. That night her parents told her that they had some urgent work so had to go out for the whole day tomorrow. They decided that she would stay home and they would keep two three cameras to check on her, Mia had to agree. When her parents left early the next morning they installed the cameras in the kitchen, in her room and near the main door to make sure she does not go out of the house.

After a lot of thinking, she came up with two ways to get out of the house. One was that she invited her friend over without showing her to the camera and she will wear Mia's clothes and a wig. The second idea she came up with was that she would put a picture which says "ERROR NO CONNECTION" and that is what her parents will see and since they will think Mia does not know they will not worry about her. She thought the first idea was best, so she called her friend who was hesitant but agreed to the plan. When her friend came over they changed clothes and her friend Kelly would wear a wig to look like Mia.

When they did all of this Mia packed her bag with snacks and tools she might need in the tunnel. She also messaged her parents asking them when they start for home and how much time it would take, so that she and Kelly can switch. Mia started her journey to the tunnel and reached in no time. This time there was also sunlight so Mia could see the inside of the tunnel properly. When she started exploring she found a brick and she started digging at that point. After twenty minutes she finally found clues that this was a wall. Mia started going deeper into the tunnel to see where the wall ended. The deeper she went, the darker it got so she had to turn on her flashlight after sometime.

LARK STORM

When she saw the end of the wall she found clues like pieces of pillars and she started to think this was a building. Since it was almost lunch time Mia started to get hungry so she ate her snack/lunch and continued again. When it was evening, she got a text from her dad saying, "Mia sorry we forgot to message you when we started, anyways we are about to reach in ten minutes, love you...Dad". When Mia read this message she panicked and started running home, when she got home, she told her friend that her parents were about to reach in five minutes, so they both started changing quickly and Kelly left and they both were in the right places. After two minutes she heard her dad and mom entering the driveway in the car and she started acting natural. Her parents did not know or think that she had sneaked out.

That night after dinner, Mia's mom got a phone call saying she and her husband had to go to Camberley (which was very near to London). That night they booked a hotel for her mom and dad. Mia's parents decided to take down the cameras but she was still grounded. So the next night when parents were leaving, Mia was sad and excited at the same time. The next day Mia also called her friends to the tunnel to make it more fun and fast. Altogether there were three kids, Mia, Kelly and another friend of Mia, Elena.

When Mia showed both of them the clues they found, Kelly and Elena were astonished and speechless. They were as excited as Mia to find what was under the ground and inside the tunnel.

After a lot of digging the girls were sure it was some type of building. The girls had a classmate who lived nearby. His name was Kevin; his father was an archaeologist so they decided to ask him what it was. It was almost supper time so Kelly and Elena had to go home. Mia decided to go as well since she was hungry and her parents might call so just to be safe.

When she got home, she ate her supper and suddenly, her parents called. Her parents said "Mia we have the best news for you! Guess what? Grandma is coming over tomorrow to stay with you as we have to stay here for six to seven more days." Mia was excited and sad at the same time as she would not be able to explore that tunnel. When the call was over she messaged her friends why she will not be able to join them. But she told them to continue their mission and ask Kevin's dad to check it out.

Early the next morning Mia's grandmother arrived. Mia was very fond of her as she was a great storyteller and was super fun. They both had met after a long time ago and they were really happy to meet each other. She trusted her grandmother and told her the story of the tunnel. She told her grandmother not to tell her parents and she agreed and promised to keep it a secret. She also told her that they were going to ask a famous archeologist. Her grandmother gave her the permission to go out as long as she came with her because her grandmother was as excited as the girls.

When the both of them reached the tunnel the next day, Kelly and Elena were very excited and astonished to see them both but they were mostly happy! They met Kevin's dad, Mr. Davis. He said that the thing they found was a building for sure. He said "I will bring my team to explore more, thanks anyways kids for starting off."

The next day Mia and her grandmother set off to the tunnel with lots of food for everyone to have a nice picnic. All the girls enjoyed seeing the big machines digging something they had found out. After two three days, Mr. Davis said this is a very old building which seemed to come from the 17th Century. The girls were very excited and besides Mia's parents were going to come in three days so it was totally fine. The girls including grandma went to the site every day.

The day when Mia's parents were supposed to come, Mr. Davis said "Please bring your parents tomorrow, I want to talk to them." Even though Mia was scared to tell her parents she agreed. That night Mia's parents came and her grandmother told Mia's parents everything. They agreed to go meet Mr. Davis. Grandma asked if she could stay and obviously the three of them agreed.

The next day, the four of them set out to the tunnel. When they reached the tunnel, Mia's parents and Mr. Davis had a long chat. When her parents came to her they seemed very mad but they told her that "you girls found a historical building which they had been trying to locate!" Mia was very happy to hear that.

The next day the building was properly dug up and it looked very old like Mr. Davis had said. Everyone in the tunnel was excited to go inside and see it. When everyone went inside their jaws' dropped and all of them were astonished to see the inside of it. The walls were filled

with patterns which were hand carved and the colours were so beautiful.

The next day this news was on the newspaper and Mia was on the front cover. When the four of them left for the tunnel the interviewers were trying to ask many questions but they all ignored them because they had no idea of what the answers were! When they reached, the whole town had come to see the new building.

Archaeologists opined that once this might have been a home for royalty. Mia was very proud of herself for finding it. Her parents were no longer mad at her, instead they were proud of her. After that day Mia became famous and never got grounded.

- Riya Malhotra, Grade 7

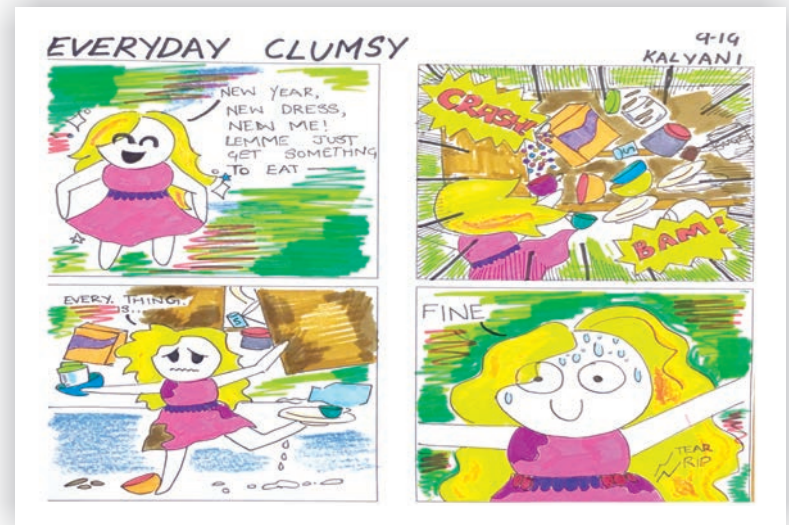
My Life Journey So Far

Hello! My name is Tulika. I was a child who was very close to my mother. I'd never let anyone hold me, unless my mother was around. At one point of time, I even chased away visitors because of my continuous crying. They did not get angry because I was a baby. "She does not seem to be social," they said.

Soon, I was older. I always used to sit next to my books and look at the pictures on every single page. At times, my mother used to read them out for me. I learned to walk properly only by the age of three or so. "Please carry me" I used to plead. Years passed and I started going to school. I loved my school a lot. Even on the weekends, I wanted to go to school. Every time, as the weekend used to begin, I pestered my mother by asking, "When will the school start? I am bored."

After school hours I went to the day-care. In the day-care I used to enjoy myself and made quite a lot of friends. Around the age of nine or so, I stopped going to the day-care because I was able to stay alone at home, and I also changed schools. Now, I am happy. And I have also changed a lot, compared to when I was a baby. I enjoy socialising with my friends and relatives. I also want to become a writer when I grow up. "Keep practising your writing" my mother says, but I still run off to play.

- Tulika, Grade 6



- Reyansh



- Akshit




- Aadhik

Grade 4 English Activity

Flotsam is a children's wordless picture book written and illustrated by David Wiesner, that won the 2007 Randolph Caldecott Medal for the most distinguished American picture book for children. Students of grade 4 made persuasive posters on Melville's underwater camera.

Who all are interested in buying
under water fantasy?


Amazing
LOOK!



Apporable
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So good you could win any photography
or competition!

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Camera. Offer till 25 December. UP to 250 pixels

Melville under-
water camera takes clear
pictures and can zoom

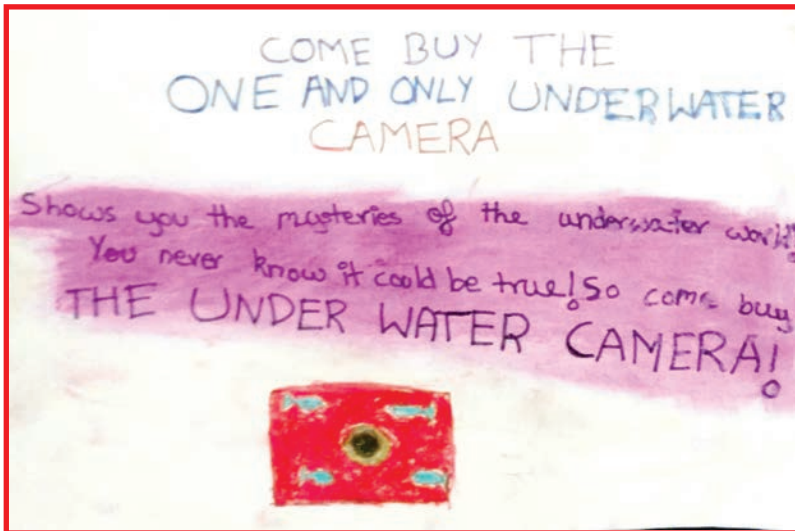
So HURRY UP!



See me
with a
Photo

because you
can't come
to

- Grace



- Yashvi

Imagine having an underwater camera for all your expeditions!!! Think about the fun for your next diving adventure!!! Don't let this offer slip from your hands.....

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WATER PROOF, 32GB MEMORY	GET IT QUIK BEFORE GONE	CAPTURE YOUR DREAMS

- Keshav

THE BEST UNDER-
WATER CAMERA

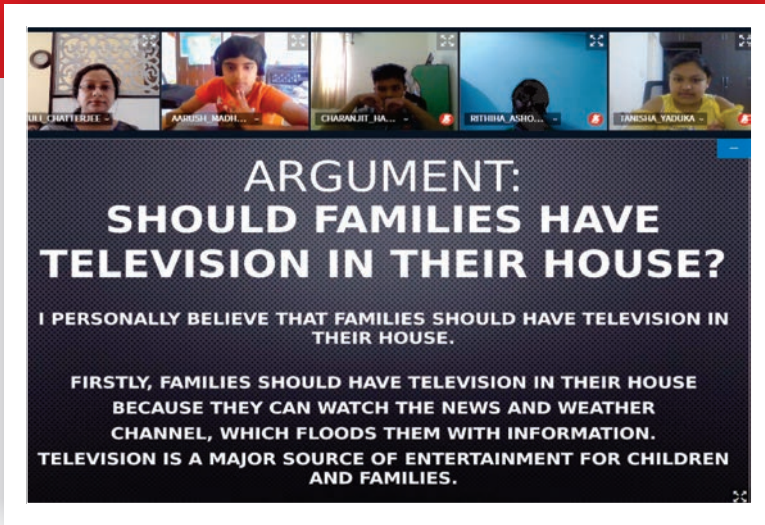
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**ARGUMENT:
SHOULD FAMILIES HAVE
TELEVISION IN THEIR HOUSE?**

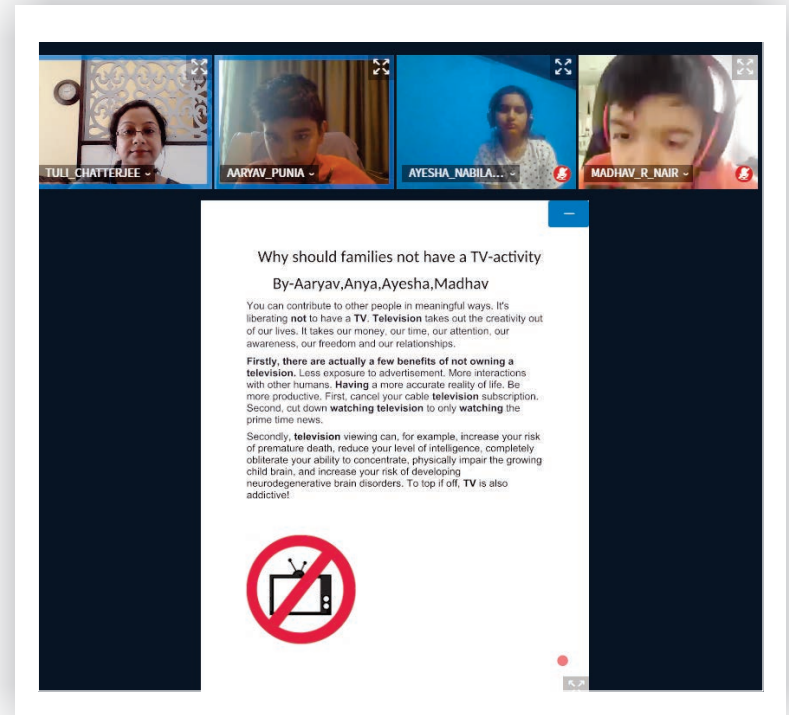
I PERSONALLY BELIEVE THAT FAMILIES SHOULD HAVE TELEVISION IN THEIR HOUSE.

FIRSTLY, FAMILIES SHOULD HAVE TELEVISION IN THEIR HOUSE BECAUSE THEY CAN WATCH THE NEWS AND WEATHER CHANNEL, WHICH FLOODS THEM WITH INFORMATION. TELEVISION IS A MAJOR SOURCE OF ENTERTAINMENT FOR CHILDREN AND FAMILIES.



**WOULD YOU CHOOSE TO BE
IN AN ONLINE CLASS OR
CLASSROOM?**

I would choose classroom and here are the reasons why:


Why should families not have a TV-activity

By-Aaryav, Anya, Ayesha, Madhav

You can contribute to other people in meaningful ways. It's liberating **not** to have a **TV**. **Television** takes out the creativity out of our lives. It takes our money, our time, our attention, our awareness, our freedom and our relationships.

Firstly, there are actually a few benefits of not owning a television. Less exposure to advertisement. More interactions with other humans. Having a more accurate reality of life. Be more productive. First, cancel your cable television subscription. Second, cut down watching television to only watching the prime time news.

Secondly, television viewing can, for example, increase your risk of premature death, reduce your level of intelligence, completely obliterate your ability to concentrate, physically impair the growing child brain, and increase your risk of developing neurodegenerative brain disorders. To top it off, TV is also addictive!



Grade 5 English Activity

A 'discursive text' presents and discusses issues and opinions with the purpose of providing a reliable and unbiased assessment of an issue. Students of grade 5, present arguments on the given topics, as a part of group activity.



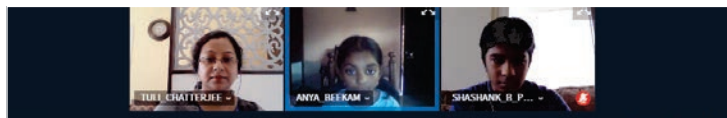
What does it mean to learn in a classroom?

- ▶ Learning in a classroom is the traditional way to learn in school. The students and teachers need to be physically present in the classroom. **Classroom learning** promotes an open exchange of ideas and face-to-face interaction of the students and the teachers.



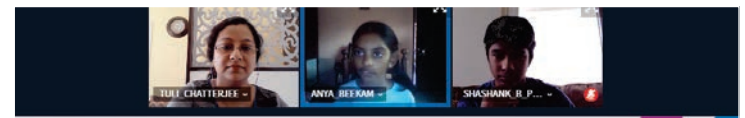
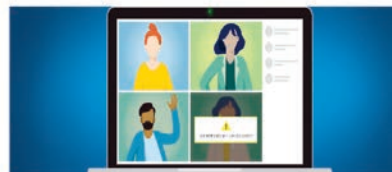
Advantages of learning in classroom.

- ▶ Discipline
- ▶ Social Development
- ▶ Scheduled Classes
- ▶ Extra-Curricular Activities
- ▶ Building Organizational Skills



Disadvantages of online classes.

- ▶ E-learning causes social isolation.
- ▶ Cheating prevention during online assessment is complicated.
- ▶ More theory than practice.
- ▶ E-learning face to face interaction.
- ▶ Eyes start to pain because of screen time
- ▶ Technical Difficulties



People's Opinions

- ▶ **Nayeli Mercado, 15, Richmond High**
Before distance learning, my mental health was never great, but it was controllable. Although, once quarantine started, where we don't go out, I feel way more mentally exhausted. Along with that, I've been really emotional. I get really sad over little things or angry at things I shouldn't get angry about. I used to complain about school a lot but I kind of miss it now. I miss my friends, teachers, attending class. I miss school in general.
- ▶ **Yashika Joshi, 17, Aspire College Prep Academy** Distance learning has been difficult. It's been hard to manage, teaching yourself through assignments... I try to do my work when everybody is asleep at night. If I was at school, I would've learned much more due to a teacher paying more attention. Teachers are assigning work on a daily basis, with 45 minutes to hour-long assignments for each class, all due at the end of the week. The workload has increased a lot. Some teachers have reached out



Summer Activity: Book in a Box

'The Secret Garden' is a classic of children's literature by Frances Hodgson Burnett. Saanvi Telang from Grade 3 has shown her interpretation of the novel, through the activity 'BOOK IN A BOX'.



Students learn hindi phonics (Grade 2)



Grade 1 was introduced to colours through handpainting.



स्मार्टफोन का इस्तेमाल करने के फायदे और नुकसान

स्मार्टफोन दैनिक जीवन में उपयोगी होते हैं। ये हमें कई मायनों में मदद करता है लेकिन इनके कुछ फायदे और नुकसान भी हैं। यहां इसके उपयोग के फायदे और नुकसान दिए गए हैं।



फायदे	नुकसान
1. आसान ऑनलाइन शॉपिंग।	1. हमारी पीठ की मुद्रा खराब होती है।
2. ऑनलाइन नकशे के साथ अज्ञात स्थानों पर जाना आसान है।	2. पारिवारिक जीवन प्रभावित होता है।
3. होम स्कूली शिक्षा।	3. हमारी आंखों पर जोर पड़ता है जिससे आंखों की रोशनी कमजोर होती है।
4. परिवार और दोस्तों के साथ संपर्क में रहना आसान है।	4. नींद की कमी।
5. ईमेल और बैंकिंग आसान हो जाते हैं।	5. हमारे मस्तिष्क को नुकसान पहुंचाता है।
6. हम समाचार के लिए अखबार पढ़ने के स्थान पर ऑनलाइन समाचार पढ़कर कागज बचा सकते हैं।	6. हमें स्क्रीन कैसर हो सकता है।
	7. मानसिक और शारीरिक रूप से लोगों को प्रभावित करता है।
7. आपातकालीन कॉल।	8. हम इसके आदी हो जाते हैं।
8. मनोरंजन, जब हम ऊब जाते हैं।	9. वास्तविक जीवन में दोस्तों से मिलना बंद हो जाता है।
9. ऑनलाइन प्रशिक्षण	10. गैर-विश्वसनीय ऐप्स के उपयोग से व्यक्तिगत चोरी हो जाती है जो बहुत खतरनाक हो सकती है।
10. यात्रा करने के लिए आसान ऑनलाइन बुकिंग।	

Tanisha Yaduka, Grade 4

पर्यावरण

पर्यावरण (अंग्रेज़ी: एन्वायरनमेंट) शब्द का निर्माण दो शब्दों से मिल कर हुआ है। "परि" जो हमारे चारों ओर है, "आवरण" जो हमें चारों ओर से घेरे हुए है। पर्यावरण उन सभी भौतिक, रासायनिक एवं जैविक कारकों की समष्टिगत इकाई है जो किसी जीवधारी अथवा पारितंत्रीय आबादी को प्रभावित करते हैं तथा उनके रूप, जीवन और जीविता को तय करते हैं।

सामान्य अर्थों में यह हमारे जीवन को प्रभावित करने वाले सभी जैविक और अजैविक तत्वों, तथ्यों, प्रक्रियाओं और घटनाओं के समुच्चय से निर्मित इकाई है। यह हमारे चारों

ओर व्याप्त है और हमारे जीवन की प्रत्येक घटना इसी के अन्दर सम्पादित होती है तथा हम मनुष्य अपनी समस्त क्रियाओं से इस पर्यावरण को भी प्रभावित करते हैं। इस प्रकार एक जीवधारी और उसके पर्यावरण के बीच अन्योन्याश्रय संबंध भी होता है।

पर्यावरण के जैविक संघटकों में सूक्ष्म जीवाणु से लेकर कीड़े-मकोड़े, सभी जीव-जंतु और पेड़-पौधे आ जाते हैं और इसके साथ ही उनसे जुड़ी सारी जैव क्रियाएँ और प्रक्रियाएँ भी। अजैविक संघटकों में जीवनरहित तत्व और उनसे जुड़ी प्रक्रियाएँ आती हैं, जैसे: चट्टानें, पर्वत, नदी, हवा और जलवायु के तत्व इत्यादि।



आइए जानते हैं पर्यावरण से जुड़े कुछ तथ्यों के बारे में जो हमें चेतावनी दे रहे हैं :-

1. एक रिपोर्ट के अनुसार दुनिया के 20 सबसे ज्यादा प्रदूषित शहरों में अकेले 13 शहर सिर्फ भारत में हैं।
2. अगर एक टन कागज को रिसाइकल किया जाए तो 20 पेड़ों और 7000 गेलन पानी को बचाया जा सकता है। यही नहीं इससे जो बिजली बचेगी उससे 6 महीने तक घर को रोशन किया जा सकता है।
3. ई-फाइलिंग और बिना पेपर के काम करने से हम लोग 1.4 ट्रिलियन पाउंड पेपर और 72800 पेड़ बचा सकते हैं।
4. कागजों को सिर्फ 6 बार ही रिसाइकिल किया जा सकता है। इसके बाद उस कागज का फाइबर काफी कमजोर हो जाता है।
5. अगर आप घर पर खाना बनाएंगे तो प्लास्टिक का कचरा कम होगा और 260 प्रजातियों की जान बच सकती है।
6. भारत हर साल प्रदूषण की वजह से करीब दो लाख करोड़ रुपये का नुकसान उठा रहा है।

- Kuber Khanna, Grade 4

फुटबॉल

फुटबॉल एक खुले मैदान में खेलने वाला खेल है। यह खेल दो टीमों के बीच खेला जाता है। हर टीम में ग्यारह खिलाड़ी होते हैं। इस खेल में एक गेंद होती है जिसे पैर से ठोकर मारकर खेला जाता है। केवल टीम का गोलची गेंद को हाथों से रोक सकता है। एक रेफरी होता है जो नियमों का उल्लंघन होने से रोकता है। जो टीम ज्यादा गोल करती है वह टीम जीत जाती है। फुटबॉल दुनिया का सबसे लोकप्रिय खेल है,



जो मनोरंजन और व्यायाम के साथ साथ सद्भावना की सीख भी देता है।

- Phil Daniel, Grade 3

अंतर्राष्ट्रीय साक्षरता दिवस

'अंतर्राष्ट्रीय साक्षरता दिवस' प्रत्येक वर्ष 8 सितम्बर को मनाया जाता है। विश्व से निरक्षरता को समाप्त करने के उद्देश्य को ध्यान में रखते हुए संयुक्त राष्ट्र के शैक्षिक, वैज्ञानिक एवं सांस्कृतिक संगठन (यूनेस्को) ने 17 नवंबर 1965 के दिन 8 सितम्बर को विश्व साक्षरता दिवस मनाने का निर्णय लिया था। विश्वभर में वर्ष 1966 में पहला विश्व साक्षरता दिवस मनाया गया था। तभी से यह सम्पूर्ण विश्व भर में प्रत्येक वर्ष मनाया जाता है।

अंतर्राष्ट्रीय साक्षरता दिवस का उद्देश्य लोगों, समुदाय और समाज में साक्षरता के महत्व को उजागर करना है। इसका उद्देश्य व्यक्तियों और समुदायों में साक्षरता के महत्व को रेखांकित करना है। अंतर्राष्ट्रीय साक्षरता दिवस प्रत्येक वर्ष एक नए उद्देश्य के साथ मनाया जाता है। वर्ष 2013 का अंतर्राष्ट्रीय साक्षरता दिवस सभी को साक्षर बनाने के साथ अत्याधुनिक साक्षरता कौशल से प्रशिक्षित करने पर बल देते हुए 21वीं सदी की साक्षरता को समर्पित किया गया।

- Sushmitaa Danabal, Grade 7

पोंगल

'पोंगल' दक्षिण भारत, मुख्य रूप से तमिलनाडु के सबसे लोकप्रिय व प्रमुख त्योहारों में से एक है। पोंगल शब्द के दो अर्थ हैं। पहला यह कि इस दिन सूर्य देव को जो प्रसाद अर्पित किया जाता है वह पोंगल कहलाता है। दूसरा यह कि तमिल भाषा में पोंगल का एक अन्य अर्थ निकलता है अच्छी तरह उबालना। पोंगल एक फसली त्योहार है। यह त्योहार हर साल जनवरी के मध्य में पड़ता है।

पारम्परिक रूप से पोंगल सम्पन्नता को समर्पित त्योहार है। इसमें समृद्धि लाने के लिए वर्षा, धूप तथा खेतिहर मवेशियों की आराधना की जाती है। यह त्योहार चार दिनों के लिए मनाया जाता है। पहला दिन 'भोगी', दूसरा दिन 'पोंगल', तीसरा दिन 'मुपोंगल' व अंतिम चौथा दिन 'कानूम पोंगल' के रूप में मनाया जाता है। तमिलनाडु के प्रायः सभी सरकारी संस्थानों में पोंगल के त्योहार के अवसर पर अवकाश रहता है।

- Sushmitaa Danabal, Grade 7

मकर संक्रान्ति

'मकर संक्रान्ति' हिंदुओं का एक प्रसिद्ध त्योहार है। यह भारत के कई हिस्सों में मनाया जाता है। मकर संक्रान्ति आम तौर पर हर साल 14 जनवरी को मनायी जाती है। यह त्योहार उन कुछ चुने हुए भारतीय हिंदू त्योहारों में से एक है जो निश्चित तिथि को मनाये जाते हैं।

हिन्दू कैलेंडर के अनुसार पौष मास में जब सूर्य मकर राशि पर आता है तभी इस त्योहार को मनाया जाता है। इस त्योहार के दिन सूर्य धनु राशि को छोड़ मकर राशि में प्रवेश करता है। मकर संक्रान्ति के दिन से ही सूर्य की उत्तरायण गति भी प्रारम्भ होती है। इसलिये इस पर्व को कहीं-कहीं उत्तरायणी भी कहते हैं।

मकर संक्रान्ति मुख्य रूप से 'दान का पर्व' है। माघ मेले का पहला स्नान मकर संक्रान्ति से शुरू होकर शिवरात्रि के आखिरी स्नान तक चलता है। मकर संक्रान्ति के दिन स्नान के बाद दान देने की भी परम्परा है। भारत के उत्तर प्रदेश राज्य में इस त्योहार को खिचड़ी के नाम से भी जाना जाता है। इस दिन खिचड़ी खाने एवं खिचड़ी दान देने का अत्यधिक महत्व होता है।

- Sushmitaa Danabal, Grade 7

किताबें : सच्ची साथी और मार्गदर्शक

ग्लोबलाइजेशन के इस युग में किताबें हम से दूर होती जा रही हैं या यूँ कहें कि हमने किताबों से दूरियां बढ़ा ली हैं तो अतिशयोक्ति नहीं होगी। हमेशा से पुस्तकें हमारी संगीसाथी रहीं हैं और यह कहावत सिद्ध करती हैं कि बेहतर जिंदगी का रास्ता किताबों से होकर गुजरता है।

देश के प्रथम प्रधानमंत्री जवाहरलाल नेहरू का पुस्तकों के बारे में कहना था कि जो पुस्तकें हमें अधिक सोचने पर मजबूर करें वही उत्तम पुस्तकें हैं। पढ़ने की आदत से इंसान का दिमाग सतत विचारशील रहता है। इससे उसके सोचने-समझने का दायरा व्यापक होता है। पुस्तक पढ़ने वाला व्यक्ति अक्सर कोई गलत निर्णय नहीं लेता क्योंकि हर महत्वपूर्ण बात के अच्छे व बुरे पक्ष पर गहराई से विचार करना उस की आदत बन जाती है। रूस में एक कहावत है कि जहां सौ प्रतिशत बुद्धि लगती हो वहां एक प्रतिशत कॉमन-सेंस से भी काम चल सकता है और यह कॉमन-सेंस सिर्फ पुस्तकें ही विकसित कर सकती हैं।

पुस्तकें पढ़ते वक्त पाठक अकेला होता है और पढ़ने में पूरी तरह खोया रहता है। यही क्रिया एकाग्रता को बढ़ाती है। किसी भी काम में सफलता प्राप्त करने के लिए सब से ज्यादा जरूरी उस काम के प्रति लगन का होना है।

याददाश्त का हमारे जीवन में निर्णायक महत्व है। सालों से इसे बढ़ाने के विभिन्न नुस्खे बताए जाते रहे हैं। इसको बढ़ाने के लिए कई दवाएं भी बाजार में उपलब्ध हैं, लेकिन इन सब से कारगर तरीका सिर्फ पुस्तकें पढ़ना है, जो नियमित हो। हम जब नियमित रूप से पढ़ते हैं तो हमारा दिलोदिमाग भी पूरा सक्रिय रहता है जिससे कोई बात भूलने की प्रवृत्ति

कम होती जाती है। दिमाग जब हरदम सोचता रहता है तो उसे हर बात आसानी से याद आती जाती है।

इंग्लैंड में हुए एक शोध के अनुसार, किताबें पढ़ने से तनाव के हार्मोन यानी कार्टिसोल कम हो जाते हैं। तनाव के दौरान तरह-तरह की निरर्थक बातें दिमाग में आती हैं। ऐसे में मन का शांत रहना लगभग असंभव हो जाता है। दिमाग में आने वाली अनावश्यक बातों पर लगाम कसने का काम किताबें करती हैं। तनावग्रस्त व्यक्ति जीवन में अक्सर गलत निर्णय लेता है, फिर पछताता है। ऐसे व्यक्ति को यदि सफल होना है तो उसे किताबें पढ़ने की आदत डालनी चाहिए जो उसे सही रास्ता दिखा सकती हैं। हम वर्तमान में प्रतियोगिता के युग में जी रहे हैं। बच्चों में कैरियर बनाने की प्रतियोगिता को ले कर काफी दिमागी उथल-पुथल मची रहती है। यदि बच्चे उनकी समस्याओं से संबंधित पुस्तकें पढ़ें तो बेहतर नतीजों की पूरी संभावना रहती है।

रात में सोने से पहले यदि थोड़ी देर पढ़ने की आदत डाली जाए तो नींद भी गहरी आती है। देर रात तक टीवी देखते रहने या मोबाइल चलाने से नींद या तो देर से आती है या बीच-बीच में उचटती है। यह सर्वज्ञान है कि उत्तम स्वास्थ्य के लिए गहरी नींद आना अति आवश्यक है। यदि आप स्वस्थ रहना चाहते हैं और जीवन का लुत्फ उठाना चाहते हैं तो गहरी नींद लेने की आदत डालें ताकि सुबह खुशनुमा हो। याद रखें यदि आप अच्छी किताबें पढ़ कर सोने की आदत डालेंगे तो आप भी कहेंगे कि वाह! क्या दिन निकला है। यदि आप की नियमित रूप से पढ़ने की आदत नहीं है तो हर दिन एक किताब के कुछ पन्नों को पढ़ना शुरू करें या फिर समाचार देखने के बजाय अखबार, पत्रिकाएं पढ़ें। जल्द ही आप को एहसास हो जाएगा कि मोबाइल देखने के स्थान पर किताबें पढ़ना क्यों अच्छा है।

किताबे इंसान की सच्ची मित्र होती हैं यह कहावत सर्वविदित है। आपको कोई शक है तो एक बार पुस्तकों को अपना दोस्त बना कर देखें। स्वयं सत्य की खोज कर पाएंगे।

- निशा जैन

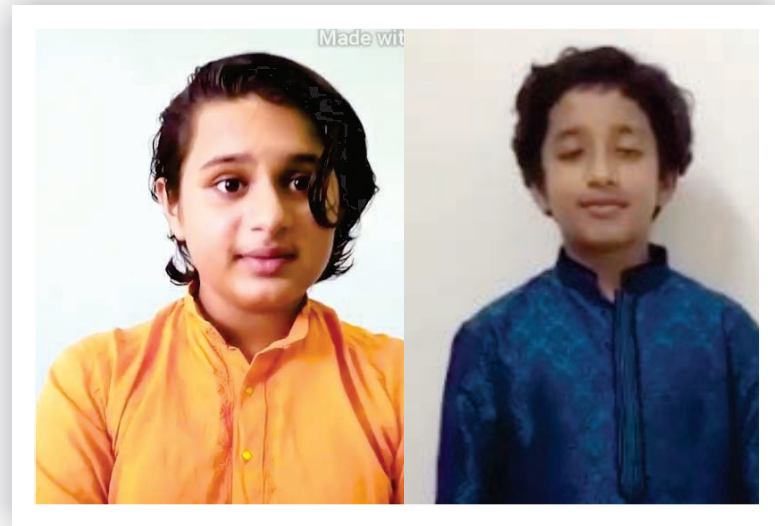
मेरा प्रिय खिलाड़ी

मेरे पसंदीदा क्रिकेट खिलाड़ी महेंद्र धोनी हैं। वे एक अंतर्राष्ट्रीय खिलाड़ी हैं। मुझे उनके दृढ़ संकल्प से प्यार है। मैच देखते समय कभी-कभी ऐसा लगता था कि हम मैच हारने वाले हैं, लेकिन धोनी ने इसे बदल दिया और टीम को जीत की ओर खींच लिया। वे न केवल एक अच्छे खिलाड़ी हैं बल्कि एक बहुत अच्छे कप्तान और अपराजेय विकेट कीपर भी हैं। एक कप्तान के रूप में वे अपनी टीम के प्रत्येक खिलाड़ी की प्रतिभा को समझते हैं और उस प्रतिभा का सही स्थान और समय पर उपयोग करते हैं। उनका व्यक्तित्व सराहनीय है। मैच में दबाव के समय उनका शांत स्वभाव उनकी बहुत बड़ी खासियत है। वे एक बहुत बड़े देश-भक्त भी हैं। 31 जुलाई, 2019 के दिन धोनी भारतीय

सेना की जम्मू-कश्मीर की बटालियन से जुड़ गए। वे जम्मू-कश्मीर में 106 प्रादेशिक सेना बटालियन में शामिल हुए। मैं उनकी बल्लेबाजी का बहुत बड़ा प्रशंसक हूँ।

- Charanjit Harshvardhan, Grade 4

Hindi Divas



हवाई जहाज की कल, आज और कल की कहानी

आदमी हमेशा से हवा में उड़ना चाहता था। शायद, पक्षियों को स्वतंत्र रूप से उड़ते हुए देखकर उसमें उड़ने की इच्छा पैदा हुई। इस कारण हवाई जहाजों का आविष्कार हुआ। एक हवाई जहाज एक संचालित, फिक्सड-विंग विमान है जिसे एक जेट इंजन, प्रोपेलर या रॉकेट इंजन से तेजी से आगे बढ़ाया जाता है। यह दुनिया भर में एक बहुत बड़ी उपलब्धि थी और परिवहन सकारात्मक रूप से प्रभावित हुआ था। हवाई जहाजों ने हरायी यात्रा समय को बहुत कम कर दिया है। पहले हमें नाव, समुद्री जहाज या रेलगाड़ी से जाते हुए महीनों लग जाते थे। अब हम सैकड़ों किलोमीटर की यात्रा कुछ ही घंटों में पूरी कर सकते हैं।

विल्बर और ऑरविल राइट, या राइट बंधु, अमेरिकी आविष्कारक और विमानन के अग्रदूत थे। राइट बंधुओं ने 17 दिसंबर 1903 को हवाई जहाज का आविष्कार किया। बचपन से ही राइट बंधु कल्पनाशील थे और तभी से उन्होंने हवाई जहाज बनाने का सपना देखना शुरू कर दिया था।

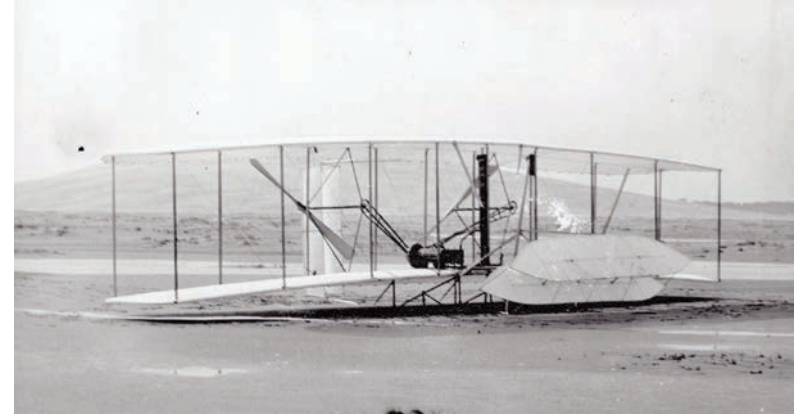
1878 में, उनके पिता, मिल्टन राइट, एक रबर बैंड संचालित खिलौना हेलीकाप्टर घर ले आए। यह खिलौना उम्मीद के मुताबिक गिरा नहीं, बल्कि यह पूरे कमरे में उड़ा, लेकिन फिर छत से टकराया और गिरकर टूट गया। परंतु विल्बर और ऑरविल इसे भूले नहीं। उन्होंने अपना खुद का खिलौना हेलीकाप्टर बनाने का भी प्रयास किया। बाद के वर्षों में, ओर्विल ने कहा कि इस बचपन के खिलौने ने उड़ान में इन भाइयों की रुचि जगाई।

यह एक सरल काम नहीं था। राइट बंधुओं ने पक्षियों को देखा, और यह समझा कि वे कैसे उड़ान भरते हैं। उन्होंने ग्लाइडर्स के साथ काम और प्रयोग किये तथा विंग डिजाइन और संचालन पर वर्षों तक काम किया। फिर उन्होंने यह भी सीखा कि कुशल प्रोपेलर और पावर्ड फ्लाइट के लिए कम वजन का इंजन कैसे बनाया जाए। राइट बंधुओं ने एक व्यावहारिक विमान को बनाने में सात उड़ने वाली मशीनों का निर्माण किया और उनका प्रत्येक विमान कई बार दुर्घटनाग्रस्त भी हुआ। इन निर्माणों के निर्माण में उच्च कोटी की तकनीकी जानकारी और साहस शामिल है।

अंततः 14 दिसंबर 1903 को, विलबर राइट ने इंजन चालू करके यान की सवारी की। दौड़ने वाली पटरियों पर पहले चलकर यह यान वायु में उठा किंतु तत्काल नीचे आ गिरा। विलबर को चोट नहीं लगी, परंतु यान के कुछ पुर्जे टूट गए थे। इससे ठीक करने में उन्हें 3 दिन लग गए।

राइट बंधु ने 17 दिसंबर 1903 को सबसे पहले राइट फ्लायर के साथ एक सफल, नियंत्रित और निरंतर मानव उड़ान ली। यह विमान एक इंजन द्वारा संचालित था और हवा से भारी था। ओरविल पहली उड़ान के लिए प्रसिद्ध है। पहली उड़ान 12 सेकंड तक चली

और उन्होंने 120 फीट तक उड़ान भरी। दोनों भाइयों ने उस दिन कुछ और उड़ाने भरी जो ज्यादा लंबी थी। विल्बर द्वारा अंतिम उड़ान 59 सेकंड में 852 फीट की थी, जो पिछली तीन उड़ानों की तुलना में बहुत अधिक थी।



राइट फ्लायर

राइट बंधु यहीं नहीं रुके। उन्होंने अपने डिजाइन पर प्रयोग जारी रखे और लगभग एक साल बाद नवंबर 1904 में, विल्बर ने अपने नए डिजाइन किए गए विमान को हवा में उड़ाया राइट फ्लायर 2 विल्बर और ओरविल राइट द्वारा निर्मित दूसरा संचालित विमान था। राइट फ्लायर 2 की पहली उड़ान 5 मिनट की थी। उन भाइयों ने राइट फ्लायर 1 और 2 के अलावा भी कुछ और विमानों का निर्माण और संचालन किया।

आधुनिक हवाई जहाज वजन, आकार, ईंधन की खपत, उन्हें बनाने के लिए उपयोग की जाने वाली सामग्री, गति, इंजन दक्षता, डिजाइन, स्वचालन, आदि में पुराने हवाई जहाज से काफी भिन्न होते हैं।

वर्तमान में विभिन्न प्रकार के हवाई जहाज उल्लस्य हैं। जैसे की, जंबो पैसेंजर जेट्स, कार्गो हवाई जहाज, यात्री टर्बोप्रॉप, वीएलजे (वेरी लाइट जेट्स), मिड-साइज़ बिज़नेस जेट्स, द्विधा गतिवाला, निजी एकल इंजन, मिलिट्री जेट्स, एरोबेटिक, ट्विन टर्बोप्रॉप, आदि।

एंटोनोव एन -225 मारीया, वजन, लंबाई और पंखों के अनुसार सबसे बड़ा विमान है। स्टार बम्बल बी 2 एक प्रयोगात्मक विमान था जिसे विशेष रूप से "दुनिया के सबसे छोटे हवाई जहाज" की उपाधि प्राप्त करने के लिए डिजाइन और निर्मित किया गया था। लॉकहीड एसआर -71 ब्लैकबर्ड दुनिया का सबसे तेज जेट विमान है, जो मैक 3.3 की गति तक पहुंचता है। यह 3,500 किमी प्रति घंटे से भी अधिक है।



आधुनिक हवाई जहाज

वायु परिवहन उद्योग का विस्तार हो रहा है और विमानन का भविष्य उज्ज्वल है। विमानन वैश्विक आबादी के लिए अधिक सुलभ हो रहा है। विमानन के विकास में 3 महत्वपूर्ण प्रवृत्तियों का उल्लेख किया जा सकता है – इलेक्ट्रिक एयरक्राफ्ट का विकास, सुपरसोनिक विमानों की वापसी और हाइब्रिड एयरक्राफ्ट और हेलीकॉप्टर (वीटीओएल) का निर्माण। इनमें से कम से कम एक विकास को लागू करना उद्योग के लिए एक बड़ी सफलता होगी। इन क्रांतिकारी परिवर्तनों के अलावा, हवाई जहाज और हेलीकॉप्टर धीरे-धीरे नए मॉडल की रिहाई के साथ सुधार कर रहे हैं। विमानन का क्षेत्र कृत्रिम बुद्धि, बड़ा डेटा, स्वचालन, बायोमेट्रिक्स, इन-फ्लाइट कनेक्टिविटी, ऐप्स और बीकन, संवर्धित वास्तविकता, जैसे विभिन्न मापदंडों पर सुधार और परिवर्तन करने जा रहा है।

– ताश्वी अनेजा, कक्षा 8

तार-रहित प्रौद्योगिकी

संक्षिप्त इतिहास

तार-रहित यंत्रों का उपयोग हमारे दैनिक जीवन का महत्वपूर्ण भाग बन चुका है। 'वायरलेस' प्रौद्योगिकी का आविष्कार किए लगभग 100 साल बीत चुके हैं। 1880 से अब तक, वैज्ञानिकों ने इस विषय में जो प्रगति की है, वह अत्यंत प्रभावशाली सिद्ध हुई है। निरंतर प्रगति के दौरान हुए मुख्य आविष्कार सूचीबद्ध हैं :-

- 1880 में "हेनरिक हर्ट्ज़" द्वारा स्थापित की गई 'रेडियो तरंगों' से 'वायरलेस युग' का आरम्भ निश्चित हुआ।
- इसके उपरांत, 1901 में "गुग्लिएल्मो मार्कोनी" ने इतिहास के सबसे पहले सफल

ट्रान्साटलांटिक (अटलांटिक महासागर के पार) वायरलेस टेलीग्राम को प्रदर्शित व उन्नत किया।

- 1933 में "एड्विन आर्मस्ट्रॉन्ग" ने इन ही रेडियो तरंगों का उपयोग करके "एफ.एम" सार्वजनिक 'रेडियो' प्रसारण का निर्माण किया, जिस से 'तार रहित वार्तालाप' का ढाँचा बनाया गया।
- इस ढाँचे से 1970 में ईंथरनेट का आविष्कार हुआ और हाई-स्पीड पैकेट से प्रसारण होने लगा।
- 1983 में प्रचलित मोबाइल संगठन "मोटरोला" ने "1 जी नेटवर्क" का उपलब्ध करवाया।
- 2001 में जापानी संगठन "डोकोमो" द्वारा "3 जी नेटवर्क" उपलब्ध हुआ।

तार-रहित संपर्क का भविष्य

5 जी : दूरसंचार उद्योग से संबंधित कम्पनी बेतार तंत्र में उन्नति लाने में निरंतर प्रयास कर रहे हैं। भले ही कई देश अभी भी 4 जी को कार्यान्वित करने में व्यस्त हैं, अमेरिका जैसे देश में '5 जी' को अमल में लाया जा रहा है। '4 जी' की तुलना में यह इस लिए लाभदायक है क्योंकि इस से प्रसारण की तेज़ी कई गुना बढ़ जाती है। इसके पश्चात, '5 जी' को वैश्विक स्तर पर पहुँचने में अत्यधिक समय लग सकता है। ऐसा इसलिए क्योंकि विश्व रेडियो-संपर्क सम्मेलन को इस विषय में कई प्रमुख बिंदुओं पर निर्णय लेना होगा, जिसमें उसकी आवृत्ति से लेकर नेटवर्क हार्डवेयर के निर्माताओं के लिए मानक शामिल हैं।

लार्ड – फाई : दूरसंचार औद्योगिक समूह, घरों में उपयोग होने वाले 'वाईफाई नेटवर्क' को बेहतर बनाने का प्रयास कर रही हैं। एस्टोनिया में स्थापित संध, "वेलमेनी", 'लार्ड – फाई' नामक नई तकनीक विकसित कर रही है जो की रौशनी के द्वारा जानकारी का स्थानांतरण हो सके गा। 'वाईफाई' की तुलना में यह न केवल ज़्यादा तेज़ी से काम करेगा, अपितु ज़्यादा सुरक्षित भी होगा। प्रयोगशालाओं में यह 224 जी.बी.पी.एस. की गति तक पहुँचा है परन्तु वास्तविक स्थितियों में यह केवल 1 गीगाबाइट प्रति सेकंड तक पहुँच सका। 'लार्ड – फाई' रौशनी को नियंत्रित करके सुरक्षा बढ़ाता है और हार्डवेयर ज़रूरतों को सीमित कर इसे एक सुलभ समाधान बनाता है।

हर किसी उद्योग की तरह, दूरसंचार की दुनिया भी उक्रांत होती रहेगी, और विचारों व प्रतियोगियों के भंडार को देखते हुए, तार रहित प्रौद्योगिकियों का भविष्य आशा-जनक लग रहा है।

– आदित्य पांडेय



Students learnt different food items name in French (Grade 2)



Students describe their family tree in french (Grade 5)



Students learnt different profession names in french and made a collage (Grade3)

La musique - C'est la vie

La musique est le son agréable (vocal ou instrumental) qui nous amène à expérimenter l'harmonie et le bonheur supérieur. La musique est une partie essentielle de la vie humaine.

Pour profiter de la musique, il n'est pas nécessaire de jouer de la musique. Je n'ai jamais joué de la musique mais je pense qu'il est difficile de survivre sans elle. Je peux le sentir partout. J'adore être entourée avec ça et ça m'aide à me détresser.

La musique est aimée par toutes les créatures vivantes : l'amour pour la musique n'est pas une tendance des êtres humains seulement. C'est une caractéristique commune de presque toutes les créatures vivantes. Le moment où les notes de musique entrent doucement dans nos oreilles ; ils réveillent l'amour dormant pour cela. La mythologie ainsi que les contes populaires témoignent du fait que même les animaux répondent avec joie aux vibrations mélodieuses de la harpe. Les vaches répondaient à l'appel de la flûte du Seigneur Krishna et se pressaient autour de lui quand il était temps de rentrer chez elles.

Pouvoirs de relaxation et de guérison de la musique : la musique a des pouvoirs illimités, est un fait bien établi. Il a un pouvoir apaisant et guérissant. La musique nous aide à nous détendre. Tout comme l'application du baume soulage notre cerveau de sa douleur et de sa tension, la musique peut détendre les muscles tendus de notre corps. Les notes mélodieuses de la musique ont la capacité de guérir la fatigue mentale ou physique d'une personne fatiguée.

Langage universel : Les barrières de la langue et de la religion ne peuvent pas empêcher la musique de s'épanouir dans un pays étranger. La musique a le pouvoir de dissoudre les frontières physiques des nations. Il supprime les barrières de l'âge et de la langue et nous parlons à tous.

La musique et La France

La Fête de la Musique, aussi connue sous le nom de Journée de la musique, de la Journée de la musique ou de la Journée mondiale de la musique, est une célébration musicale annuelle qui se déroule le 21 juin.

Le concept d'une célébration musicale d'une journée au solstice a été créé par le ministre français de la Culture, Jack Lang. Le festival a ensuite été célébré dans 120 pays à travers le monde.

En octobre 1981, Maurice Fleuret devient directeur de la musique et de la danse à la demande du ministre de la Culture, Jack Lang, et applique ses réflexions à la pratique musicale et à son évolution : «la musique partout et le concert nulle part». Il a d'abord eu lieu à Paris en 1982 sous le nom de Fête de la Musique.

Depuis lors, le festival est devenu un phénomène international, célébré le même jour dans plus de 700 villes dans 120 pays, dont la Chine, Inde, Allemagne, Italie, Grèce, Russie, Australie, Pérou, Brésil, Équateur, Mexique. Canada, États-Unis, Royaume-Uni et Japon.

L'objectif de la Fête de la Musique est de promouvoir la musique de deux façons :

- Les musiciens amateurs et professionnels sont encouragés à se produire dans les rues, sous le slogan « Faites de la musique », un homophone de la Fête de la Musique.
- De nombreux concerts gratuits sont organisés, rendant tous les genres de musique accessibles au public. Deux des mises en garde d'être sanctionné par l'organisation officielle de la Fête de la Musique à Paris sont que tous les concerts doivent être gratuits pour le public, et tous les artistes donnent leur temps gratuitement. Cela est également vrai pour la plupart des villes participantes.

- Sarita Farswal, French Teacher

Ecrivez-vous et une personne préférée

À propos de moi:

Je m'appelle Karthik.

Je suis étudiant.

Je suis grand.

J'ai neuf ans.

Je suis beau.

Je préfère la couleur bleue.

Je préfère le sport football.

À propos de ma mère:

Elle s'appelle Harika.

Elle est scientifique.

Elle est grande.

Elle a trente-sept ans.

Elle préfère la musique.

- Karthik, Grade 4

Les fêtes Françaises

1er Janvier

Le jour de l'An ou la saint-Sylvestre. C'est le moment des étrennes. On souhaite une bonne année à nos amis.

6 Janvier

C'est la fête des Rois. Nous préparons une galette. C'est une sorte de gâteau.

Février ou mars (un mardi)

Mardi gras. C'est fête s'appelle aussi le carnaval. C'est une fête très joyeuse. Il y a des bals masques.

Mars ou avril (un Dimanche)

Pâques, C'est la grande fête du printemps. On offre aux enfants des œufs en chocolat.

14 juillet

C'est la fête nationale. Cette fête commémore le commencement de la Révolution français. Il y a des feux d'artifice et des bals dans les rues.

25 décembre

Noel, C'est la fête de la famille. Les catholiques vont à la messe de minuit. Le grand repas de Noel s'appelle le Réveillon. On souhaite un joyeux Noel à ses amis.

- Likitha Thokala, Grade 7

Ma chambre

Bonjour, je m'appelle Darsh. Je vais décrire ma chambre. Ma chambre, c'est mon endroit préféré.

Ma chambre est petite avec les murs blancs. Il y a des étagères, un lit,

une table de travail.

Dans les étagères il y a beaucoup de livres et jouets.

Mon lit et doux et confortable. C'est de taille moyenne. Ma table de travail est petite. Il y a des crayons, des stylos et mon sac.

Je partage ma chambre avec ma sœur. J'aime bien ma chambre.

- Darsh Chwala, Grade 5

Le voyage à Goa

Je suis allé à Goa avec mes amis sur Samedi et nous sommes arrivés le soir. Nous avons dîné et dormi à l'hôtel.

Demain, nous allons à la plage et au musée. Aujourd'hui, nous sommes allés dans 2 églises et un zoo. Les animaux du zoo étaient étonnant. C'est très amusant ! Nous avons faim et nous sommes fatigués alors, nous allons boire du jus. J'aime le jus de canneberge et mes amis ont pris de la limonade et une orangeade. C'est rafraichissant.

Sur le dimanche on fait de l'équitation et de la plongée. Les chevaux étaient très actifs.

Nous sommes revenus sur lundi. Le voyage était super !

- Diya Prakash, Grade 8

Ma ville, Ma région

J'habite à Bangalore. C'est une grande ville informatique, situé dans le sud de l'Inde, à environ 611 miles de Mumbai et à environ 1352 miles de Delhi - la capitale de l'Inde. Bangalore, officiellement connue sous le nom de Bengaluru, est la capitale de l'État Indien du Karnataka. Il est situé dans le sud de l'Inde sur le plateau du Deccan.

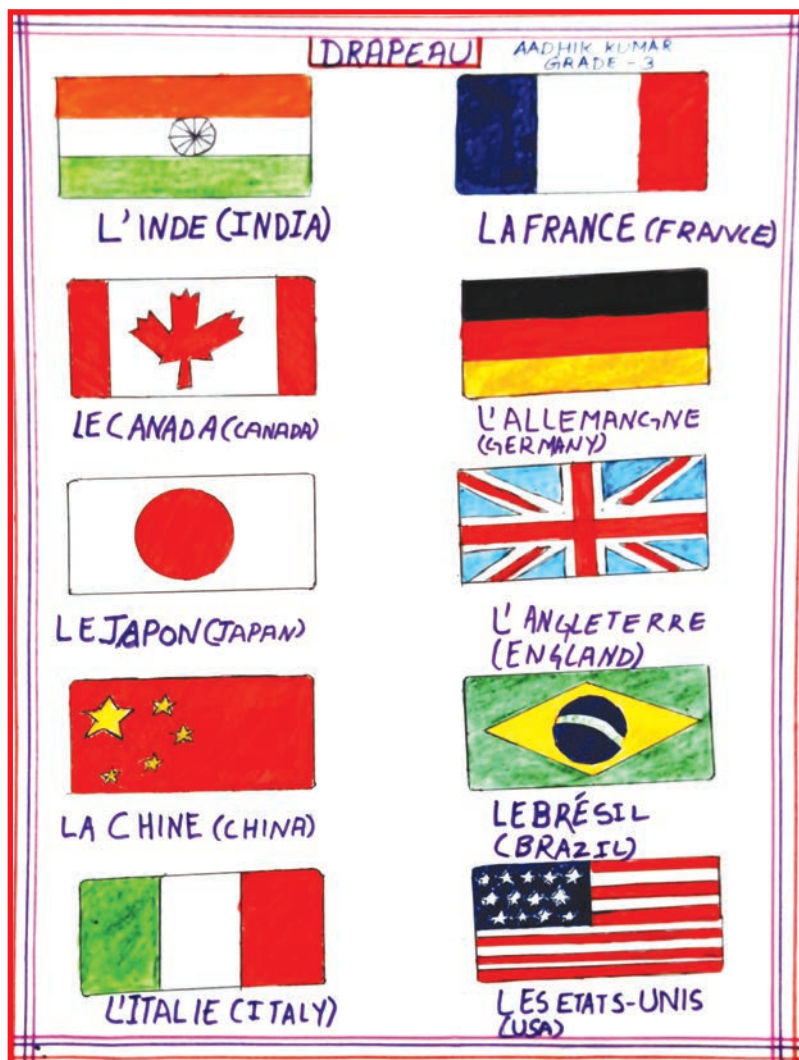
Bangalore est la 5ème plus grande ville d'Inde et la 3ème ville la plus peuplée. La ville est populairement connue sous le nom de "La Silicon Valley de l'Inde" et est l'employeur et l'exportateur IT leader du pays. Bangalore a toujours vu une population très diverse, surtout depuis les temps modernes.

JOIE DE VIVRE

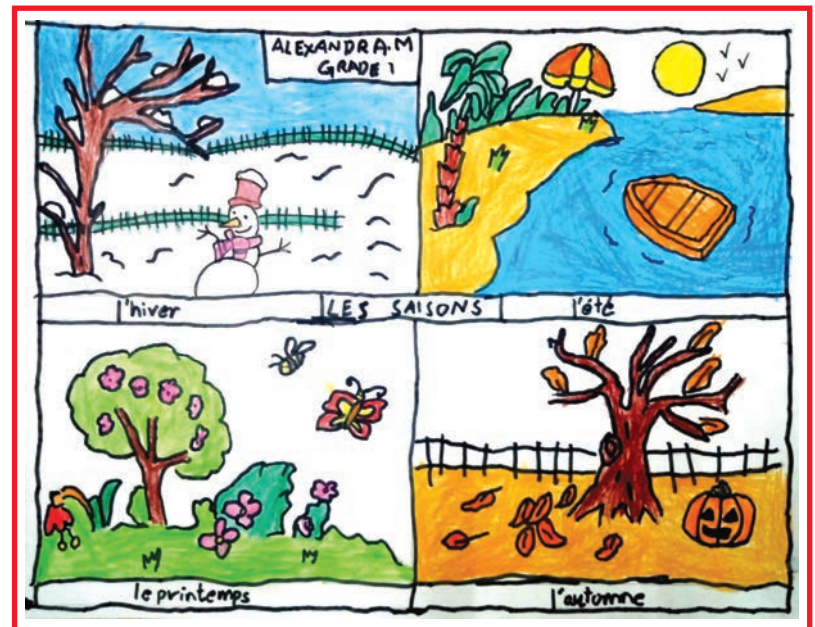
Dans la ville on peut faire beaucoup de choses. Les touristes peuvent visiter le Lalbagh, c'est un très grand jardin. Pour faire du shopping, la MG Road est très célèbre. Il y a beaucoup d'endroits à voir par exemple la Vidhana Soudha, le Zoo de Bannerghatta, le planétarium et l'aquarium Bangalore.

À mon avis, c'est une belle ville.

- Aanya K, Grade 8



- Aadhik Kumar, Grade 3



- Alexandra M., Grade 1



- Aarushi K. Iyer, Grade 2

Sans la Bouche

KALYANI 9 19

Est-ce étrange,
vivre sans utiliser la bouche?
Avons-nous oublié
voir
Regarder
Écouter
Et ne parlons pas?
Et ne répondons pas?

Le calme, quand est-ce devenu faible,
Et pourquoi est l'intensité forte?
Le discours est argenté,
Mais le silence est doré.
Il est plus important,
Plus de valuer
Nous avons appris
Mais nous oublions.



Sans la bouche,
Les personnes ne sont pas incomplètes
Nous avons
Beaucoup de autre choses
Pour nous amuser
Pour passer le temps
Pour voir la beauté
de la monde
Et pour éclairer l'âme
Parce qu'il y a beaucoup
à être vu
à être entendu
Mais ce n'est pas visible
Avec parler seulement
et l'âme
C'est seulement possible
Faire avancer les choses
sans la bouche.

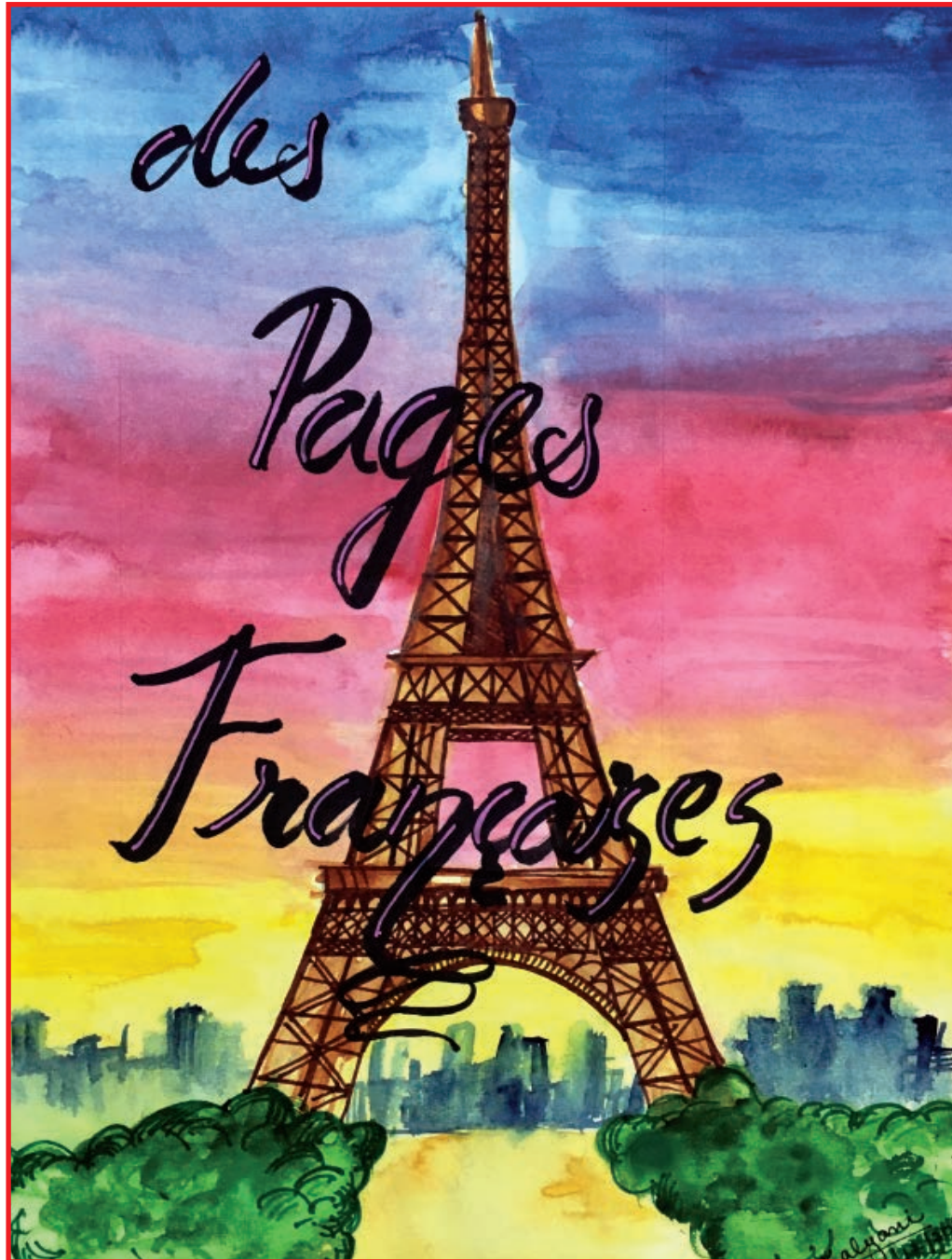


- Kalyani, Grade 9

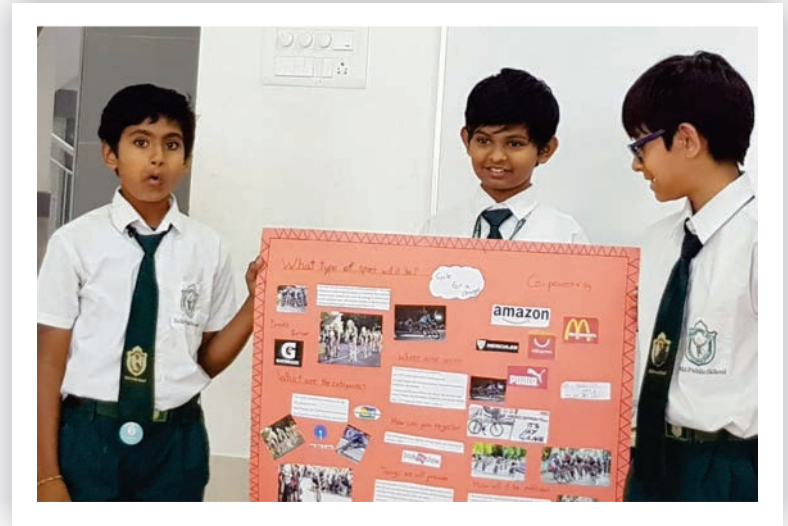
Aggy et les cafards



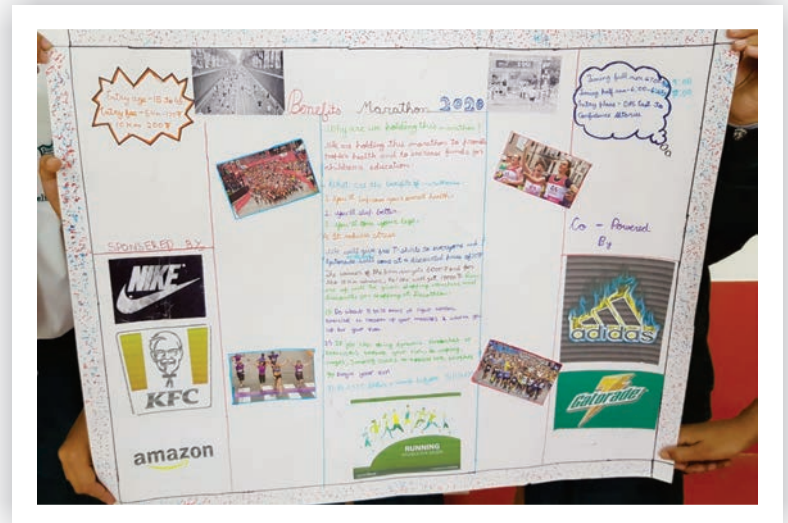
- Aanya K, Grade 6-A



MIND BREW

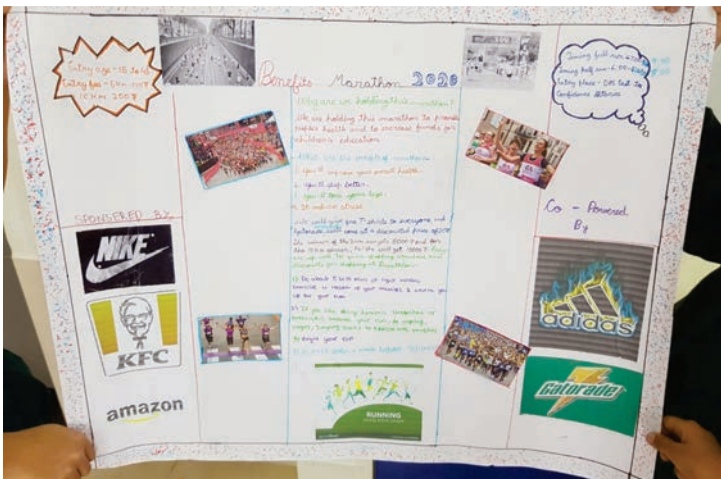


Identification of currencies of different countries (Grade 4)



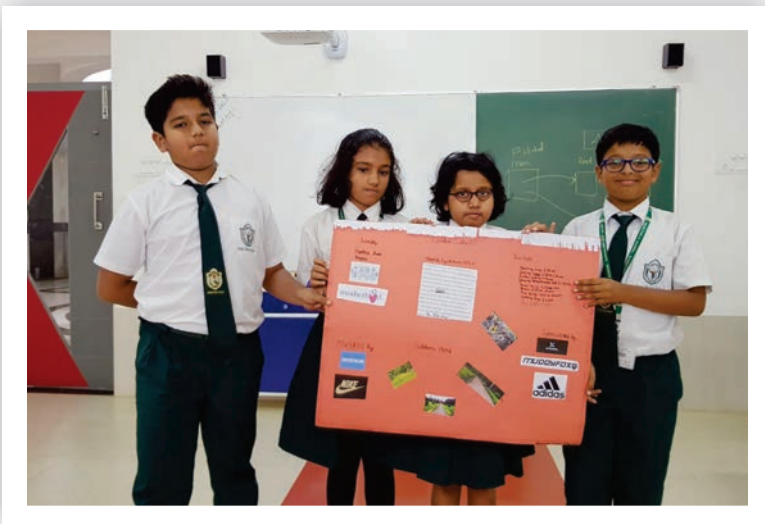
(Grade 5)

MIND BREW



MIND BREW

Presentation on impact of globalisation in developing countries
(Grade 6)





Different types of irrigation systems followed in India (Grade 3)

A Report on Globalisation

Globalisation is the process of interaction and integration among people, companies and the government. Globalization is used to describe the growing interdependence of the world's economies. It is an important concept for students to understand the demand in business and industries to hire people.



The Impact of Globalization on Economic Growth: The aim of globalization is to benefit individual economies around the world by making markets more efficient, increasing competition, limiting military conflicts, and spreading wealth more equally.

- Globalization has helped people around the world.
- Globalisation means the way companies, ideas and lifestyles are spreading around the world.
- Globalization has brought economic growth in both developed and developing countries.
- Globalization created Losers and Winners between and within countries.

- Avani Pawar, Joanne Suzzanna, Riya Malhotra and Shriya Karunakaram, Grade 6

Robots

A robot is a machine - especially one programmable by a computer - capable of carrying out a complex series of actions automatically. Robots can be guided by an external control device or the control may be embedded within. Robots may be constructed on the lines of human form, but most robots are machines designed to perform a

task with no regard to their aesthetics. Robots can be autonomous or semi-autonomous.

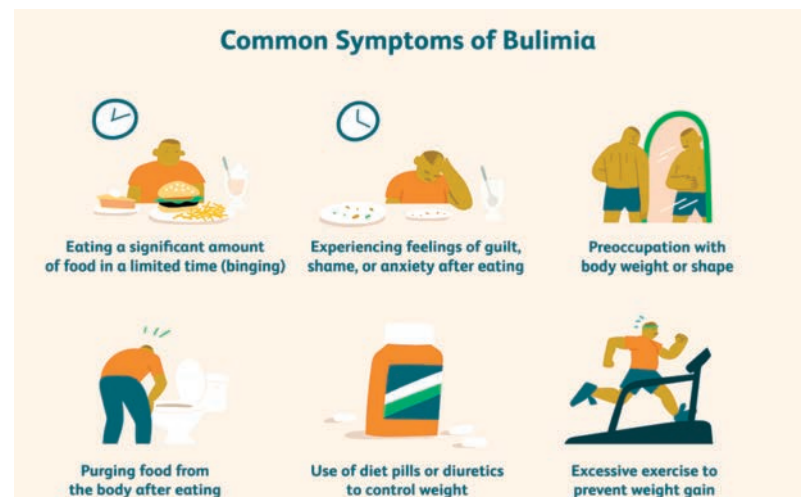
A typical robot has a movable physical structure, a motor of some sort, a sensor system, a power supply and a computer "brain" that controls all of these elements. Essentially, robots are man-made versions of animal life; they are machines that replicate human and animal behaviour.

Like computers, general-purpose robots can link with networks, software and accessories that increase their usefulness. They may recognize people or objects, talk, provide companionship, monitor environmental quality, respond to alarms, pick up supplies and perform other useful tasks.

- Charanjit Harshavardhan, Kuber Khanna, Ishaan Buddha, Aaryav Punia, Grade 4

Article On Bulimia Nervosa

Bulimia nervosa is a type of eating disorder characterized by repeated episodes of binge eating followed by behaviour to compensate / settle up for the excessive amount of food consumed. This can include purging / vomiting, fasting, over - exercising or the abuse of laxatives and diuretics (types of drugs) to prevent gaining weight. The cycle of overeating and then purging can become compulsive, in some ways similar to an addiction to drugs.



This eating disorder can be triggered by stress, ineffective dieting, or as an attempt to deal with painful emotions or impaired body image. Purging behaviours make bulimia very harmful to the body.

Symptoms of Bulimia:

- Eating a significantly larger amount of food in a limited period of time than most people would typically eat, known as bingeing.
- Feeling unable to control or stop eating once a binge starts.
- Continuing to eat even if feeling uncomfortably full.
- Expressing frequent concerns about body weight or shape.
- Experiencing feelings of guilt, shame or anxiety after eating.
- Purging food from the body after overeating to avoid gaining weight and as an attempt to regain a sense of control.
- Skipping meals or going on extreme diets to 'make up' for bingeing behaviours.
- Extreme fear of gaining weight.
- Using breath mints to cover up after vomiting.
- Unreasonably discontent with body size or shape.
- Abnormal or abusive use of diet pills or diuretics over time for weight control.
- Spending lots of time in the bathroom, usually throwing up.
- Excessive exercise, at inappropriate times or settings, or even when sick or injured.

Bulimia can have a devastating impact, especially on teens. While a full recovery from the physical effects of bulimia can be had, the mental and emotional effects can last a lifetime.

Here are the major health consequences of bulimia:

- Mineral or electrolyte imbalances
- Abnormal bowel function
- Destruction of tooth enamel
- Broken blood vessels in the eyes
- Anaemia
- Becoming moody or depressed
- Substance abuse
- Hormone problems
- Dizziness
- Fatigue
- Rupturing in the esophageal wall due to vomiting

- Cardiac arrest
- Death

As many as 2% to 3% of women may suffer from bulimia in the United States, and in some vulnerable populations (college - aged women, specifically), experts estimate up to 10% may meet the diagnostic criteria for bulimia. Men are affected, too, but at about one-tenth the rate of women. Young women may be especially prone to bulimia if they have suffered from childhood sexual abuse, loneliness, low self-esteem, etc. Involvement in athletics or employment in a job that focuses on weight (like modelling or acting) can predispose someone to bulimia.

Treatment

When you have bulimia, you may need several types of treatment, although combining psychotherapy with antidepressants may be the most effective for overcoming the disorder. Cognitive-behavioural therapy, Family-based treatment including Interpersonal psychotherapy are known to help.

Antidepressants may help reduce the symptoms of bulimia when used along with psychotherapy. Dietitians can design an eating plan to help you achieve healthy eating habits to avoid hunger and cravings and to provide good nutrition. Eating regularly and not restricting your food intake is important in overcoming bulimia. Learning positive ways to cope, creating healthy relationships and managing stress can help prevent Bulimia Nervosa.

- Saanvi Venugopal, Grade 7

How are Global Trends Affect Our Community?

Sustainable development: Sustainable development can have many impacts on the community such as no poverty and good health. The children would have good quality of education, clean water, sanitation, renewable energy, better workspaces and environments, a better economy, city management, and climate.

Loss of biodiversity : People depend on biodiversity in their daily lives. Human health ultimately depends upon ecosystem products and services (such as availability of freshwater, food and fuel sources), which are requisite for good human health and productive

livelihoods. Biodiversity loss can have significant impacts on human health if ecosystem services are no longer sufficient to meet social needs. Indirectly, changes in ecosystem services affect livelihoods.

Global Warming : Global warming affects health, food supply, economic growth, migration, security and drinking water. A warmer climate is expected to increase the risk of illnesses, death from extreme heat and poor air quality. Climate change will likely increase the frequency and strength of extreme events (such as floods, droughts, and storms) that threaten human health and safety.

Climate Change : The global temperatures are rising. For centuries, humans have been burning fossil fuels to power their lives. This process releases additional greenhouse gases into the atmosphere, trapping heat that would escape into space otherwise. The planet has already warmed 1-degree Celsius and temperatures could rise even more significantly changing life as we know it.

Economic Migration : People may have economic, social, political or environmental reasons to move from one place to another. An economic migrant is someone who emigrated from one region to another, seeking an improved standard of living, because the conditions or job opportunities in the migrant's own region are insufficient. For migration to take place there are usually push factors and pull factors at work. Push factors are the reasons that make someone decide to move.

Travel and Tourism : Tourists are people who travel away from their homes for pleasure. Tourism is one of the fastest-growing industries in the world and it generates a lot of jobs. This can help a country as it is one of their main sources of income. This is because when a tourist comes to another country for vacation he will spend his money there for lodging and travel.

Robotics and Artificial Intelligence : Children today are growing up with AI assistants in their homes (Google Assistant, Siri, and Alexa) to the point that you might consider their mere presence an extension of co-parenting. AI and robots help us in many ways. Example: Transportation, Personal Information, Etc.

Robotics Engineering is the interdisciplinary branch of engineering and science that includes mechanical engineering, electrical engineering, computer science, Etc. It deals with the design, construction, operation, for creating robots, as well as computer systems that contain control, sensory feedback, and information processing.

Increasing Inequality : When there is a wide gap between rich and poor, black and white people, higher cast and lower cast, men and women, Inequality increases in a country. It contains structured and recurrent patterns of unequal distributions of goods, wealth, opportunities, rewards, punishments, income, gender, racial treatment, and responsibility.

Women Empowerment : The term "Women Empowerment" refers to the uprising of women when it comes to education, employment, decision making, and better health in view of an equal and just society. Women since ages have been struggling to be socially and professionally recognized as equivalent to men.

Internet and Information Technology : Information technologies are hardware and software designed to collect, process, and store digital data. Information technology takes various forms from databases and communications software to computer networks and Personal Digital Assistants. The Internet is a widely distributed network of computer servers, which allow users to communicate and exchange data. The Internet is the infrastructure for revolutionizing communications and methods of commerce.

Genetics and Bioengineering : The application of biological techniques (such as genetic recombination) to create modified versions of organisms (such as crops). The group of applied techniques of genetics and biotechnology used to cut up and join together genetic material, and especially DNA from one or more species of organism and to introduce the result into an organism to change one or more of its characteristics.

- Saanvi Venugopal, Grade 7

Sustainable City of the World

Masdar City, Abu Dhabi is one of the world's most sustainable urban

MIND BREW

communities, a low-carbon development made up of a rapidly growing clean-tech cluster, business free zone and residential neighbourhood with restaurants, shops and public green spaces. Masdar's philosophy of urban development is based on the three pillars of economic, social and environmental sustainability. It is a green print for the sustainable development of cities through the application of real-world solutions in water, energy efficiency and the reduction of waste.



Planning

Masdar City is open to the public. It brings together tourists, residents, students, academics, entrepreneurs, business leaders and investors in a collaborative environment which allows them to live,



work and play sustainably. It combines passive and intelligent design to showcase how an urban environment can accommodate denser populations more efficiently. The water and energy demand of the city's buildings is 40 per cent lower than that of the average building in Abu Dhabi, and each building must meet a minimum 3 Pearl rating according to the Estidama Building Rating System, introduced by the Abu Dhabi Department of Urban Planning and Municipalities. The City is a hub connecting education with research & development and business with investment. It serves as a test bed for renewable energy and technology companies in the UAE and around the world.

Aim

Masdar City aims to be a commercially viable city offering the highest quality of life within the lowest environmental footprint. The city is a mixed-use, sustainable community, including employment-generating land, uses, residential areas, parks, plazas and neighbourhood amenities. Masdar City is a free zone and an investment zone, enabling foreign ownership of property and companies and attracting clean tech companies of all sizes and types to test, commercialise and deploy clean energy technologies.

Infrastructure Strategies

Ongoing growth will eventually see 52,000 people living at Masdar City, whilst 40,000 jobs and student placements will be offered. Each building in Masdar City is constructed with low-carbon cement, utilises 90 per cent recycled aluminium, and is designed to reduce energy and water consumption by at least 40 per cent compared with ASHRAE standards. These criteria are set in accordance with the Leadership in Energy and Environmental Design (LEED) certification and the UAE's Estidama Pearl Rating System, which is administered by Abu Dhabi's Department of Urban Planning and Municipalities. Estidama means 'sustain Arabic.



Recreation & Well-being

Sustainability at Masdar City is centred on healthy living. The city provides a number of public recreational facilities for residents, tenants, employees and visitors to enjoy on their own or with family. The children's playground, a music wall and art installations themed on sustainability. Visitors can charge their phones and digital devices using the park's solar-powered benches, and interact with 'The Tree of Light' made from recycled building materials. The Tree of Light changes colours when touched. In addition to a picnic area, the park has eight shops and food & beverage outlets, each housed inside brightly coloured and solar-powered recycled shipping containers.

Transport Strategy

Masdar City bases its transportation strategy on a hierarchy that puts pedestrians first and emphasizes sustainable, public transportation, which is supplemented with clean point-to-point services, and finally adds personal vehicles. As part of that strategy, Masdar City has introduced several technologies that support its mission, both as



commercial and pilot projects. The transportation strategy, though, is only part of the overall sustainability story. This starts with neighbourhoods that provide all basic services within walking distance. It is more sustainable to walk to the store or café than to use an electric vehicle. This expands to a higher level of services in specific locations in the City such as schools and hotels that are accessible on

bikes or with Masdar City transportation. Building the City in that way enables the transportation strategy to be successful.

- Zidaan, Grade 8

Should Animal Testing be Banned?

Using animals in research (Medicine and Cosmetics) and to test the safety of products has been a topic of heated debate for decades. Sixty percent of all animals used in testing are used in biomedical research and product-safety testing. People have different feelings for animals; many look upon animals as companions while others view animals as a means for advancing medical techniques or furthering experimental research. However individuals perceive animals, the fact remains that animals are being exploited by research facilities and cosmetics companies all across the country and all around the world. Although humans often benefit from successful animal research, the pain, the suffering, and the deaths of animals are not worth the possible human benefits. Therefore, animals should not be used in research or to test the safety of products.

First, animals' rights are violated when they are used in research. Animals and people are alike in many ways; they both feel, think, behave, and experience pain. Thus, animals should be treated with the same respect as humans. Animals are subjected to tests that are often painful or cause permanent damage or death, and they are never given the option of not participating in the experiment. Their decisions are made for them because they cannot vocalize their own preferences and choices. Next, the pain and suffering that experimental animals are subject to is not worth any possible benefits to humans. Animals feel pain in many of the same ways that humans do; in fact, their reactions to pain are virtually identical (both humans and animals scream, for example). When animals are used for product toxicity testing or laboratory research, they are subjected to painful and frequently deadly experiments. Two of the most commonly used toxicity tests are the Draize test and the LD50 test, both of which are infamous for the intense pain and suffering they inflict upon experimental animals. Finally, the testing of products on animals is completely unnecessary because viable alternatives are available. Many cosmetic companies, for example The Body Shop, have sought better ways to test their products without the use of animal subjects. Furthermore, the Draize test has become practically obsolete because

of the development of a synthetic cellular tissue that closely resembles human skin. Another alternative to this test is a product called Eyetex. Computers have also been used to simulate and estimate the potential damage that a product or chemical can cause, and human tissues and cells have been used to examine the effects of harmful substances. All of these tests have been proven to be useful and reliable alternatives to testing products on live animals.

However, many people believe that animal testing is justified because the animals are sacrificed to make products safer for human use and consumption. Making human's lives better should not be justification for torturing and exploiting animals. The value that humans place on their own lives should be extended to the lives of animals as well.

In conclusion, animal testing should be eliminated because it violates animals' rights, it causes pain and suffering to the experimental animals, and other means of testing product toxicity are available. Humans cannot justify making life better for themselves by randomly torturing and executing thousands of animals per year to perform laboratory experiments or to test products. Animals should be treated with respect and dignity, and this right to decent treatment is not upheld when animals are exploited for selfish human gain. After all, humans are animals too.

- Julie Singh, Teacher

Beliefs about foods: Did you know?

Eating burnt toast gives you cancer!

The most well-known chemical in burnt toast is acrylamide, which is produced when sugars and certain amino acids (the building blocks of proteins) are heated together during the cooking process. This potentially harmful chemical is mainly found in starchy foods such as potatoes (and other potato products), along with baked goods, including bread and, of course, toast. Acrylamide is also used in many industrial processes (paper and plastic production for instance) and at high levels of exposure, it is known to be toxic to the nervous systems of animals and humans.

Swallowing chewing gum clogs up your gut!

When you first start chewing, your body is tricked into thinking it's expecting food and prepares for digestion. Your salivary glands are

stimulated, releasing saliva into your mouth. Once the flavour is gone, you're ready to get rid of it and rather than spit the gum out, you may decide to gulp it down. Your body will treat the lump of gooey gum the same way it treats anything it can't digest. It carries the undigested mass of gum down through the oesophagus into your stomach where it churns for a few hours before travelling along your intestines to your rectum and then down the toilet.

Diet soda causes weight gain!

Consumption of sugary beverages such as soda is a driving force of obesity in the world. According to the Centers for Disease Control and Prevention people risk of being overweight or obese can be significantly reduced by decreasing intake of sugar drinks and energy-dense foods that provide excessive calories.

Shrimp is good for you!

Fish and other seafood tend to be very healthy and nutritious. They're especially rich in omega-3 fatty acids and iodine, two nutrients in which most people are deficient. Shrimp is a type of crustacean related to crabs and lobsters. It tends to be low in fat and calories but high in protein. It is also loaded with various other nutrients, including selenium and vitamin B12.

- Aarushi Agarwal and Kishore Krishna, Grade 7

Dabbling in arts helps learners to develop creative problem-solving skills. Art helps children with the development of motor skills, language skills, social skills, decision-making, risk-taking, and inventiveness. Visual arts teach learners about colour, layout, perspective, and balance: all techniques that are necessary in presentations of academic work. It boosts critical thinking, teaching students to take the time to be more careful and thorough in how they observe the world. Art education connects students with their own culture as well as with the wider world.

There is no limitation on the art medium. Everyday, a new medium is introduced. But few basic skills are the foundation of visual art, for example, Pencil shading, Charcoal etc. In this article, I would present a brief description about few of the visual art mediums, which may help readers to understand the basics of learning arts.

Pencil Shading

The numbers on pencils (such as 2B, 4B, 6B, 2H, 4H, etc.) indicate different levels of hardness and softness. Harder pencils, marked by H, shade much more lightly. Soft pencils, such as 2B, are softer and are darker for shading. The larger a number, the softer the pencil's lead is.

Acrylic Painting

Acrylic paint is a fast-drying paint containing pigment suspension in acrylic polymer emulsion. Acrylic paints are water soluble, but become water-resistant when dry.

Stippling Art

Stippling is the creation of a pattern simulating varying degrees of solidity or shading by using small dots. Such a pattern may occur in nature and these effects are frequently emulated by artists.

Ballpoint pen artwork created over the years has been favourably compared to art created using traditional art mediums. Low cost, availability, and portability are cited by practitioners as qualities which make this common writing tool a convenient, alternative art supply.

Watercolour Painting

Watercolour has several meanings. First, it means a pigment that, when mixed with water as a medium, creates a type of paint. Watercolour paint is transparent, and the white of the ground (paper) underneath provides light that shines through the painting. Second, 'a watercolour' is what we call a painting created with watercolours.

Portraits

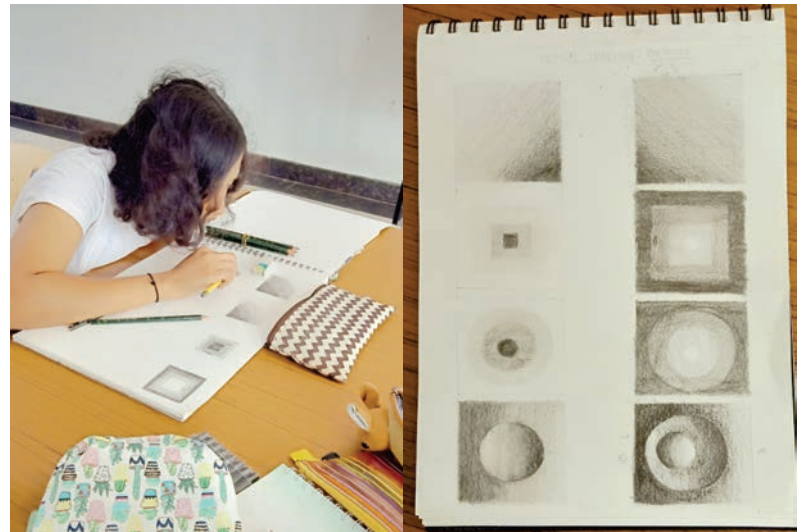
A portrait is a painting, photograph, sculpture, or other artistic representation of a person, in which the face and its expression is predominant. The intent is to display likeness, personality, and even the mood of the person.

Zentangle

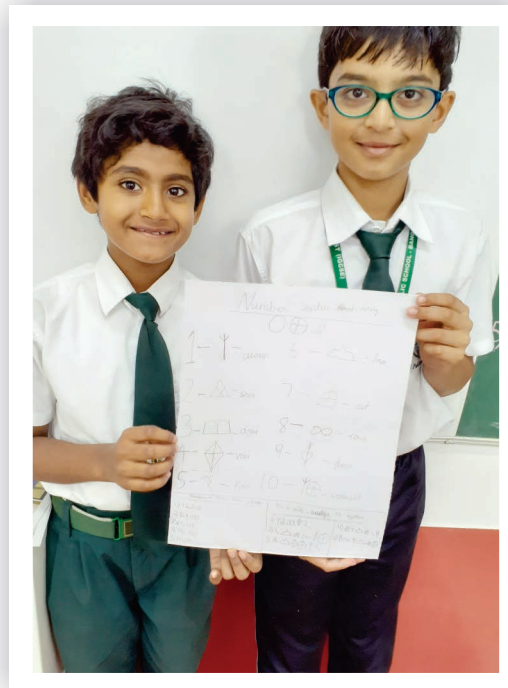
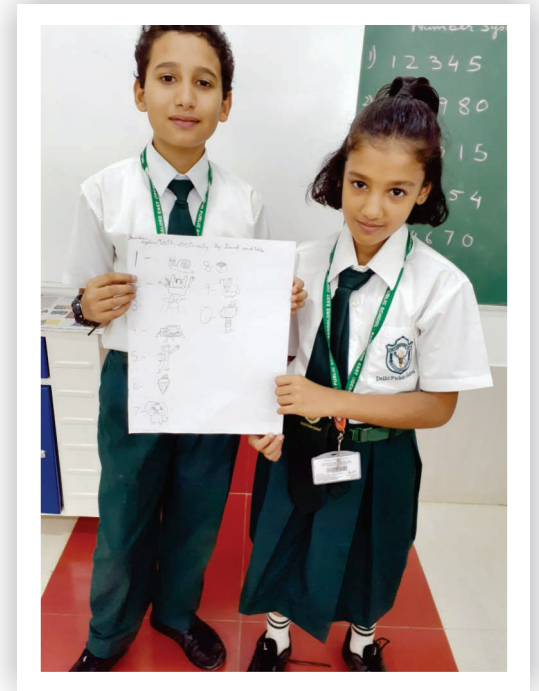
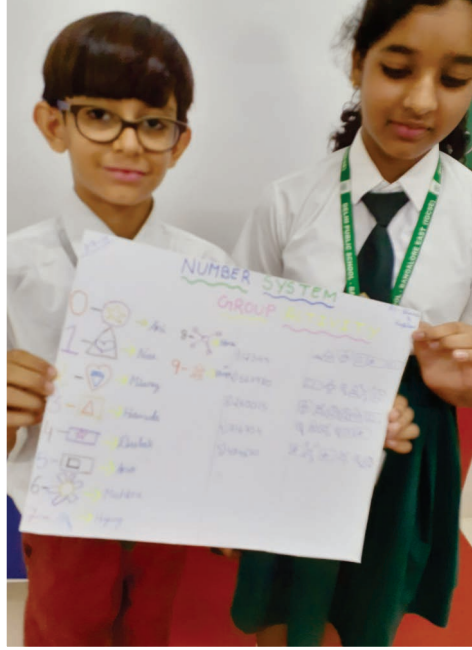
The Zen tangle Method is an easy-to-learn, relaxing, and fun way to create beautiful images by drawing structured patterns. It increases focus and creativity, provides artistic satisfaction along with an increased sense of personal wellbeing.

Arts in classroom curriculum open up a diversity of things for students to develop their interest and enjoyment in or express their minds. It not only allows students to enjoy life, but to also expand their academic skills.

- Rinki Prayagi



NUMERO UNO



Grade 5 students made their own Number system using symbols of their choices and then represented numbers given according to their Number System.

NUMERO UNO



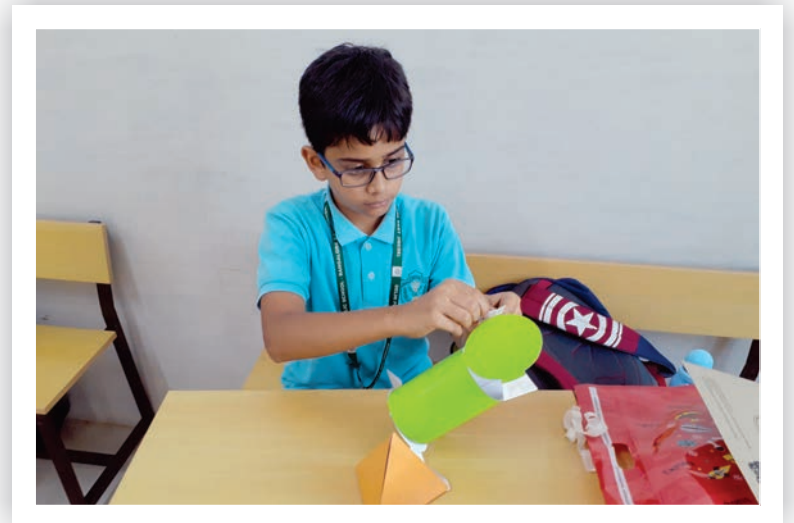
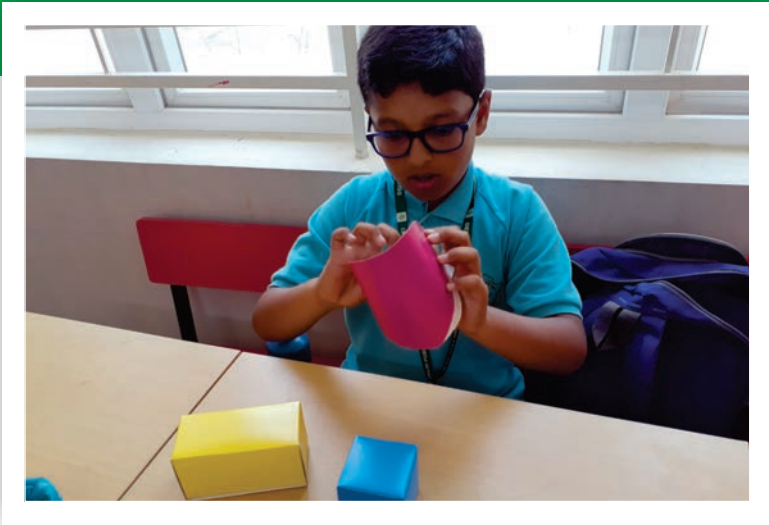
Students of grade 6 learning about Reflection of objects about different axes using plane mirror.

NUMERO UNO



Grade 4 students learning about Area and Perimeter of different figures using Yardstick Activity kit.

NUMERO UNO



Grade 5 students made 3-D objects using Yardstick Activity Kit and then compared their volumes filling the objects with sponge cubes.

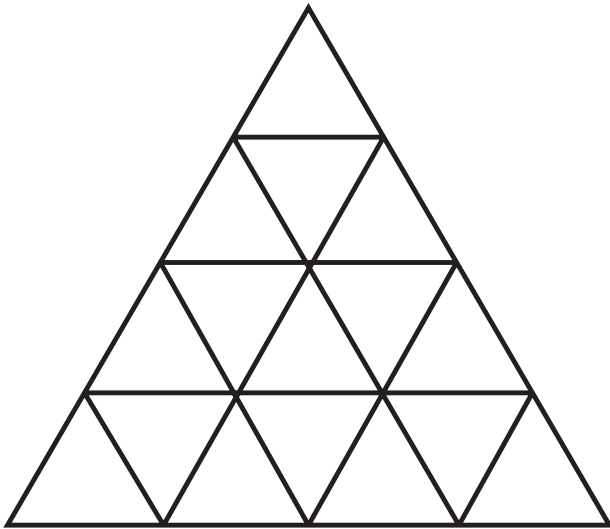
NUMERO UNO



Students of grade 5 solved a fraction Puzzle and gave a message to save the environment.



How many triangles are there?



Answer on page no. 311

- Sai Teja, Grade 5

Amazing facts in Math

- Zero (0) is the only number which can not be represented by Roman numerals.
- What comes after a million, billion and trillion?
A quadrillion, quintillion, septillion, octillion, nonillion, decillion and undecillion
- Plus (+) and Minus (-) sign symbols were used as early as 1489 A.D
- 2 and 5 are the only primes that end in 2 or 5
- An icosagon is a shape with 20 sides Mersal Mathematics: 5 Shortcuts for Multiplication!
- Among all shapes with the same perimeter, a circle has the largest area.
- Among all shapes with the same area, the circle has the shortest perimeter.
- 40 when written "forty" is the only number with letters in alphabetical order, while "one" is the only one with letters in reverse order.
- 'FOUR' is the only number in the English language that is spelt with the same number of letters as the number itself.

- From 0 to 1,000, the letter "A" only appears in 1,000 ("one thousand").
- 12,345,678,987,654,321 is the product of 111,111,111 x 111,111,111.
- Note the sequence of the numbers 1 to 9 and back to 1.
- Have you ever noticed that the opposite sides a dice always add up to seven (7).
- Trigonometry is the study of the relationship between the angles of triangles and their sides.
- Abacus is considered the origin of the calculator.
- Do you know the magic of no. nine (9)? Multiply any number with nine (9) and then sum all individual digits of the result (product) to make it single digit, the sum of all these individual digits would always be nine (9).
- If you add up the numbers 1-100 consecutively (1+2+3+4+5...) the total is 5050.
- A 'jiffy' is an actual unit of time for 1/100th of a second.
- Have you heard about a Palindrome Number? It is a number that reads the same backwards and forward, e.g. 12421.
- Have you heard about Fibonacci? It is the sequence of numbers wherein a number is the result of adding the two numbers before it! Here is an example: 1, 1, 2, 3, 5, 8, 13, 21, 34, and so on.

- Nishanth Alampally, Grade 5

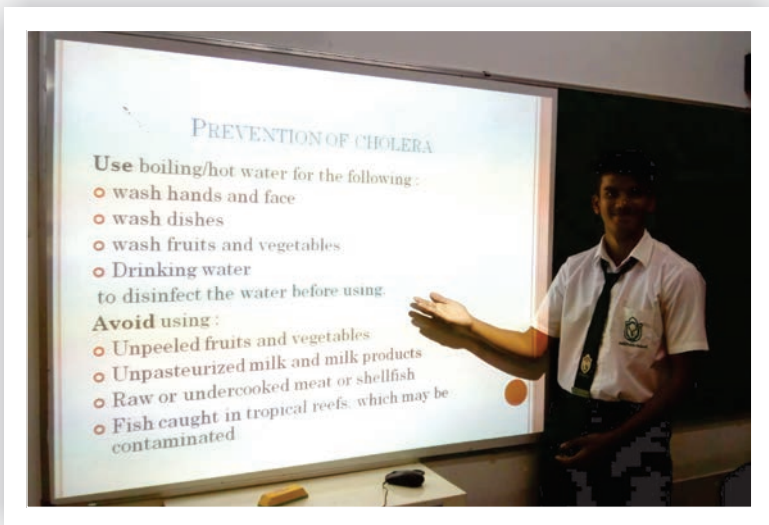
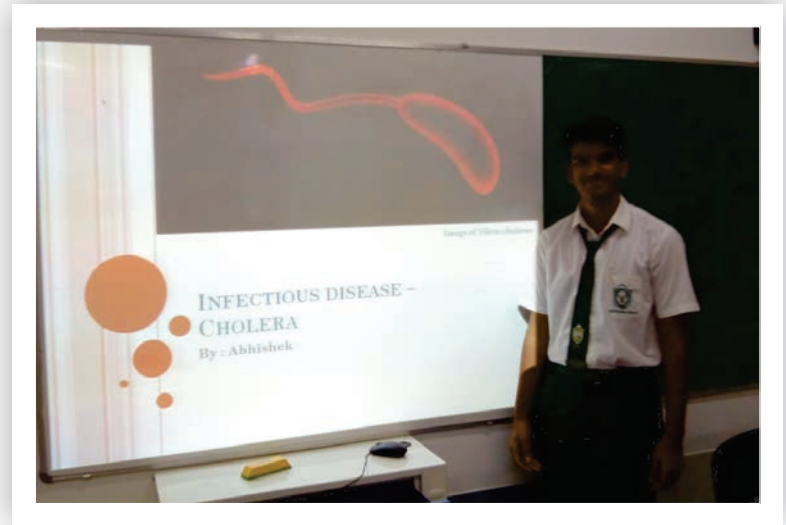
Crossword

1. What is the left over number in division?
2. A shape with no angles?
3. Name of currency in Sweden?
4. Straight lines that never cross?
5. What represents the letters such as X, Y, Z in algebra?
6. A part of a line?

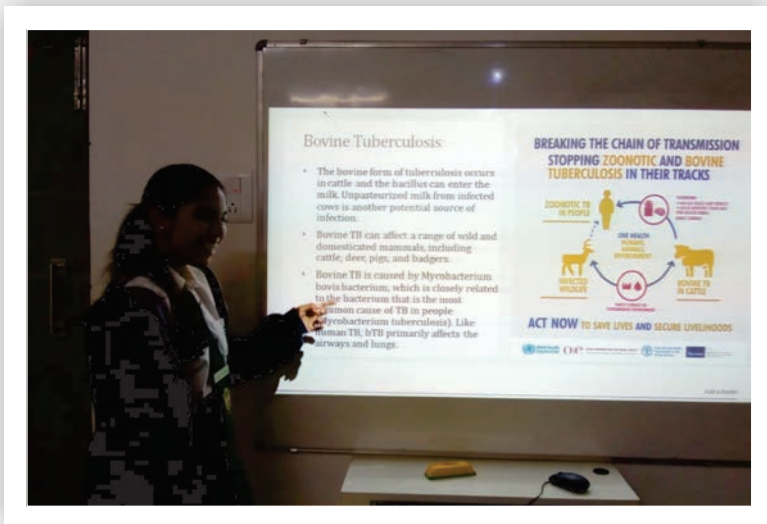
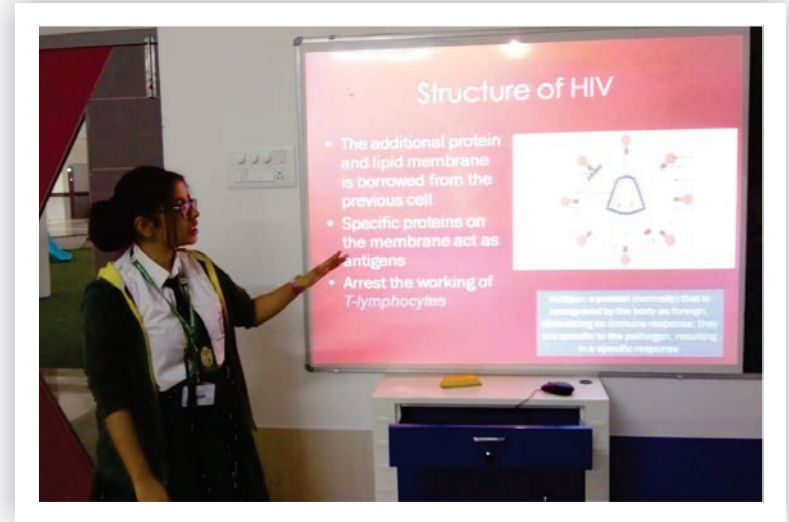
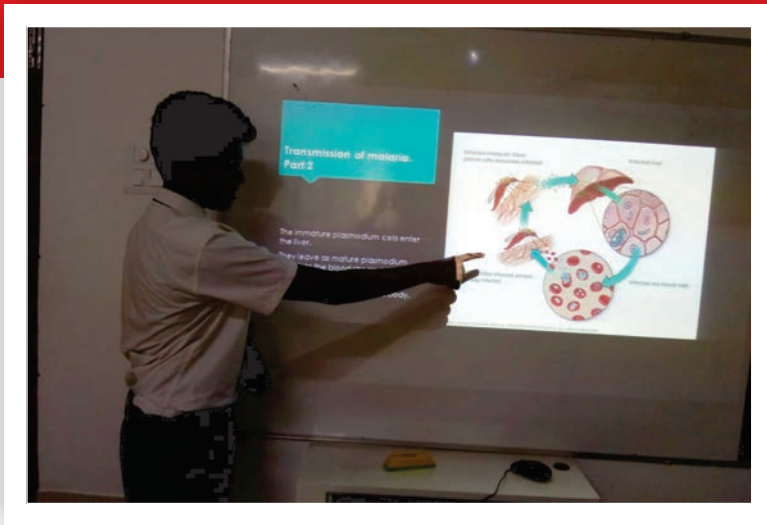
A	S	E	L	B	A	I	R	A	V	Z	U
D	E	P	O	I	N	T	S	G	M	U	V
I	T	N	E	M	G	E	S	E	N	I	L
U	I	A	J	P	A	R	A	L	L	E	L
Q	C	K	Y	T	W	G	M	Y	I	G	M
T	H	I	R	T	Y	F	I	V	E	F	Q
L	N	B	Z	Y	E	C	I	R	C	L	E
O	R	S	J	X	N	W	Q	R	L	N	C
C	R	E	M	A	I	N	D	E	R	V	N
K	R	O	N	A	S	O	S	P	C	M	O
N	O	P	S	T	R	Y	U	V	M	J	T

Answer on page no. 311

- Jannah Jabir, Grade 5



AS level students are explaining Infectious diseases through power point presentation





Grade 2 multiplication activity



Activity on irreversible changes to an object.



On spot activity on benefits of using solar power for generating electricity.
(Grade 1)





Grade 4 observing the different stages of seed germination.



Observing permanent slides of stomata by Grade 5.



Learning about respiratory system by making a model of lungs.





Learning about skeletal system (Grade 6).

Testing chemical reaction on different food items (Grade 6).



Differentiating between acids and alkalis (Grade 6).





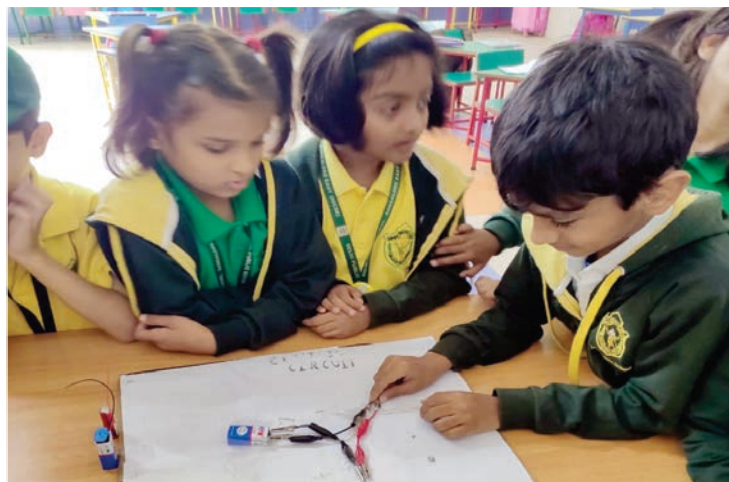
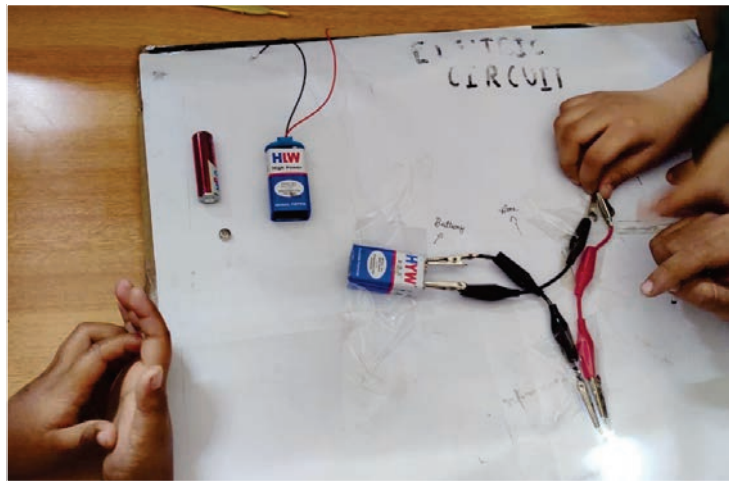
Grade 8 Science-World energy.



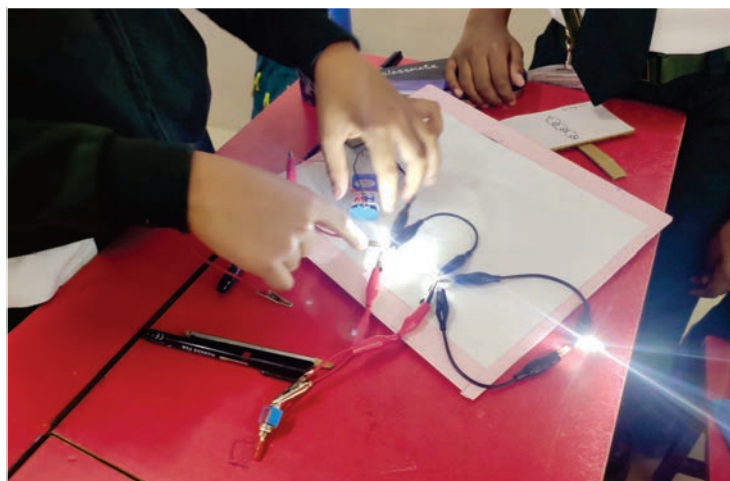
Biology activity on classification of organisms.



Preparation of onion peel slide and observing through light microscope.



Differentiating between open and closed circuit by live demonstration (Grade 1).



Group activity on making series and parallel electric circuits by using bulbs, batteries, wires and switches (Grade 5).



Nature Walk : Learning different parts of a flower (Grade 4).



Differentiating between physical and chemical changes by lab activity (Grade 3).

Science is so much fun!

Science is so much fun.
It is my favourite subject, among some.

I learn new new things,
like plants, trees, rocks and stones.
Sun and moon, the things above.

Look for it and you will see,
Science is so much fun!

I like my Science teacher.
She helps me with my work.
We did a project on birds.
It's body parts and types.

Mamma helped me make a model of it.
At school, I did a 'show and tell' on it.

Oh! Science is just so much fun!
- Alexandra Menalic Malickal, Grade 1

Can you believe it?

- It is impossible to lick your own elbow.
- A hippopotamus can run faster than a man.
- Kangaroos can't walk backwards.
- Your brain uses 10 watts of energy to think, and does not feel pain.
- Goats have rectangular pupils in their eyes.
- Snails take the longest naps! Some lasting for 3 years.
- Hippopotamus have pink milk.
- Fish can cough.
- The shortest war in history lasted for only 38 minutes.
- While you are in deep sleep you can't smell anything, even really, really bad or potent smells.
- The smallest country in the world takes up 2 square miles, it is the Vatican City.

- Yashvi Bhatia, Grade 3

How science helps me

I like science a lot because it has so many interesting facts about

different things in our universe like the solar system, nature, environment and much more. I also like science because it has experiments and activities that help us learn better. Our teachers help us to understand the concept better with examples.

Science is important because it helps us know the basic things about our world and even the complicated ones. It can also be a good help in our daily life as it explains many phenomenons in a manner. Sometimes, it can also be very confusing but when you imagine the situation with examples, it can be easier to understand.

- Dhriti Vora, Grade 4

Why I like Science?

Science is very informative. Science is fun too. You can do so many things in science, like experiments, activities and much more. Science is also related to nature like, how plants grow? How does the seed turn into a plant? etc.

Science taught me all about the water cycle. The water cycle is the cycle that tells how water is formed and how it never stops growing. In the water cycle, first the water is heated and is turned into water vapour, then the water cools and condenses and forms clouds, after that, when the clouds can't handle the weight of the water droplets it allows them to fall in the form of rain, and at last, the water that has fallen in the form of rain goes and mixes with the water of the seas, oceans, rivers, lakes etc.

I made a chart, with my group, based on the water cycle. It was fun, because we made clouds in three dimensions. We presented it before the class. I love my science classes.

- Kuber Khanna, Grade 4

Nature Wildlife Quiz

- 1) Which animal has three hearts, blue blood, arms but no legs, the ability to change color, a beak, no backbone and lives under water?
- 2) What is the color of a Polar Bear's tongue?
- 3) What is a shark skeleton made of?
- 4) What type of animal is a Pangolin?
- 5) What are the four key species that WWF India works?

Answer :

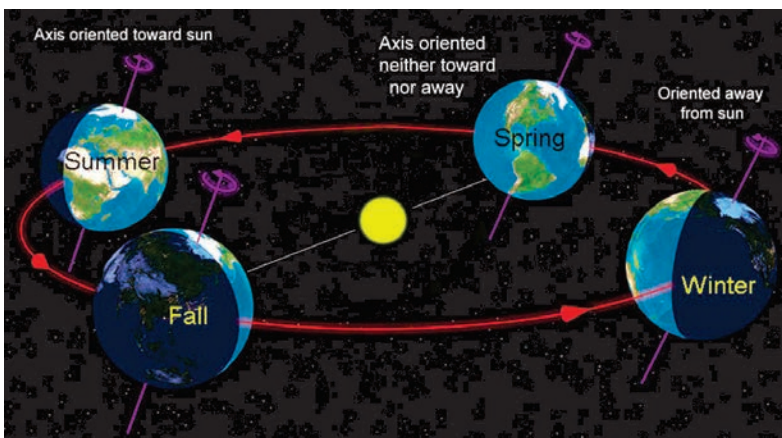
1. Octopus.
2. Black, blue or Purple
3. Cartilage
4. Mammal - wholly - covered in scale
5. Tiger, Rhinoceros, Otter, Red Panda.

- P. Venkata Datta Reddy, Grade 3

What makes the seasons?

During the year, the seasons change depending on the amount of sunlight reaching the Earth as it revolves around the Sun. The seasons are caused by the tilt of the Earth's rotational axis away or toward the sun as it travels through its year-long path around the sun.

When the Northern Hemisphere is oriented away from the sun, the sun's rays are less direct, and that part of Earth cools. It's winter. Seasons in the Southern Hemisphere occur at opposite times of the year from those in the Northern Hemisphere. Therefore, Northern summer = southern winter.



The direction of Earth's tilt nearly doesn't change – the two hemispheres point toward the same position in space through the entire year. What does change, as Earth revolves around the Sun, is the position of the hemispheres in relation to the Sun – the Northern Hemisphere points toward the Sun during the northern summer and away from the Sun during the northern winter.

Earth's path around the Sun is not circular, nor the Sun situated at the center of this path. Instead, Earth's orbit is elliptical, with the Sun closer to one end of the orbital path than the other. This means that Earth's distance from the Sun varies throughout the year.

It is a common misconception that seasons occur because of Earth's elliptical orbit around the Sun, with winter occurring when Earth is farthest away from the Sun, and summer when it is closest to it. However, our planet's distance from the Sun has little effect on the onset of seasons. In fact, Earth is closest to the Sun, or at its Perihelion, around the Northern Hemisphere's winter solstice, while it is farthest away from the Sun, or at its Aphelion, around the north's summer solstice.

While the variation of Earth's distance from the Sun isn't very large, our planet receives more solar energy when it is closest to the Sun during the Southern Hemisphere's summer. However, because there are relatively few landmasses south of the equator and oceans take more time to heat up, the temperature difference between the northern and southern summers is very small.

- Varuni Sukhtankar, Grade 9

Life Without Electricity

Life without electricity is truly startling to imagine and experience in real life. We may think it's an easy task but we are all so accustomed to how the way things are right now, it would be extremely difficult to cope. The daily appliances won't work. Neither will our phones, since there will be no electricity powering the telephone towers. Almost nothing can function without electricity and that will have a large impression.

Envision a life where things as small as your torchlight to things as big as telephone towers won't function. Absolutely nothing that involves cables, wires, or the internet will work without electricity. You won't have any contact with people from other countries since the phone signals are down. You won't be able to contact using the internet since the routers will be down. In case of an emergency, how will you contact? Who will you contact?

There will be no other option but to return to the ages where communication was primitive like using postal services and couriers

since there wouldn't be any wireless connection or e-mail technology. Sources of information would become less, considering the fact there won't be the usual social media apps or news applications. Transportation would be slow due to the loss of apps such as Uber and Ola. The usage of cars and other transportation devices would be minimised.



There will be less progress in businesses and trade in shops would be affected without lights, air-conditioning and other essential supplies that thrive on electricity. Without electricity, all the general tasks would have to be finished during the day. Having no lights at night creates major safety and security issues all over the world. The kind of evolution one is used to, will not continue from this point.

The rate of unemployment would increase frighteningly in the engineering and IT industry since computers, phones and other computing devices won't operate without electricity. Various call centers and entertainment industries would shut down without the necessary devices. A lot of medical equipment will not be able to complete its tasks which is scary to imagine.

The advantages to this is that everything will be cost effective energy

sources that can be used instead of electricity. People will start to conserve the environment more which will be valuable for the world. People will have an active lifestyle and they won't depend on technology for everything. The opportunities for human labourers will increase tremendously and hopefully there will be a more positive attitude from the public to make a change. In the end, living a life without electricity is quite intimidating to dwell on but still has something positive to offer.

- Mathangi Sree Balamurugan, Grade 9

Crazy About Science!!!

The world is full of gadgets and machinery. How did it get possible? This is all because of science. Science is the backbone of our society. Science made us reach to the moon. But we did not stop there. It also gave us a glance at Mars. This great achievement was possible only with Science.

Satellites revolve around the earth every day and night. This has given support in various fields including high-speed internet. Science not only tells us about the past but also tells us about the future. How cool is that?

Science class in school is amazing, entertaining, fun and there is just no end! We do many activities, which help us understand our topics better and faster and that too in a fun way. We do activities almost every week. I remember one activity, which we did on fossil fuels. My class was divided into groups and we were asked to make a chart on fossil fuels. This activity was very interesting as we got information that we never knew before. Doing research with friends is the best part! I am sure all of you will agree to that!!

SCIENCE IS THE BEST!!!!

- Shriya K., Grade 6

Insoluble and Soluble

I love Science. It is so fun and teaches me new and interesting things about the environment around me. Science is divided into three parts: Biology: study of plants and animals, Chemistry: study of matter and Physics: study of energy.

What is Soluble and Insoluble?

Soluble means when a matter can be dissolved into a liquid substance. For example Salt and Sugar are good examples of soluble materials. When we mix them in with water the grains disappear which means they get dissolved.

Insoluble is the opposite of soluble there for it means it does not get dissolved in a liquid substance. For instance if you add sand to water and stir it very well it will still be visible and will not get dissolved.

When too much of one material is added into a liquid substance some of the soluble substance is dissolved in but if there is too much of that substance that means no more can be dissolved. This is known as Saturated solutions.

I remember my class [Grade 6] had done an activity on this with the help of Yardstick kit which is provided by the school. In that they provided us with some Sugar, some Salt, some mixing cups and stirrers. They also gave us an instruction sheet and gloves for safety.

They had asked us to mix either the salt or sugar into the water and see if it gets dissolved. Our whole class did it and we had so much fun. At the end of the experiment the kit had included an Observation book and we had to answer the questions asked related to our observation to that particular experiment.

Soluble and Insoluble was a great topic to be learnt and we all had so much fun learning it!

- Riya Malhotra, Class 6

Sixth Extinction

“In the last half-billion years, life on Earth has been nearly wiped out five times - by such things as climate change, an intense ice age, volcanoes, and that space rock that smashed into the Gulf of Mexico 65 million years ago, obliterating the dinosaurs and a bunch of other species. These events are known as the Big Five mass extinctions, and all signs suggest we are now on the precipice of a sixth.”

- National Geographic, June 2015

A “biological annihilation” of wildlife in recent decades means a sixth

mass extinction in Earth’s history is under way and is more severe than previously feared, according to research. The scientists found that a third of the thousands of species losing populations are not currently considered endangered and that up to 50% of all individual animals have been lost in recent decades.

Wildlife is dying out due to habitat destruction, overhunting, toxic pollution, invasion by alien species and climate change. But the ultimate cause of all of these factors is “human overpopulation and continued population growth, and overconsumption, especially by the rich”, say the scientists, who include Prof Paul Ehrlich, at Stanford University in the US, whose 1968 book The Population Bomb is a seminal, if controversial, work. T.

What is the sixth extinction?

The Holocene extinction, otherwise referred to as the sixth mass extinction or Anthropocene extinction, is an ongoing extinction event of species during the present Holocene epoch (in the more recent time, sometimes called Anthropocene) as a result of human activity.

When did the sixth extinction begin?

Many years ago - 60,000 or so - humanity first ventured away from its cradle in eastern Africa. The sixth mass extinction “officially” started about 12,000 year ago at the end of the last glaciation, but there were pulses of it much earlier than that in certain parts of the world.

Earth’s five previous mass extinctions**End - Ordovician, 443 million years ago**

A severe ice age led to sea level falling by 100m, wiping out 60-70% of all species which were prominently ocean dwellers at the time. Then soon after the ice melted leaving the oceans starved of oxygen.

Late Devonian, c 360 million years ago

A messy prolonged climate change event, again hitting life in shallow seas very hard, killing 70% of species including almost all corals.

Permian - Triassic, c 250 million years ago

The big one - more than 95% of species perished, including trilobites and giant insects - strongly linked to massive volcanic eruptions in Siberia that caused a savage episode of global warming.

Triassic - Jurassic, c 200 million years ago

Three - quarters of species were lost, again most likely due to another huge outburst of volcanism. It left the Earth clear for dinosaurs to flourish.

Cretaceous-Tertiary, 65 million years ago

A giant asteroid impact on Mexico, just after large volcanic eruptions in what is now India, saw the end of the dinosaurs and ammonites. Mammals, and eventually humans, took advantage.

The impact of the Sixth Extinction is elaborately discussed in the book : **The Sixth Extinction : An Unnatural History, by Elizabeth Kolbert (Henry Holt)**. Ecologically, humanity has been noted as an unprecedented "global super predator" that consistently preys on the adults of other apex predators, and has worldwide effects on food webs.

The Holocene extinction includes the disappearance of large land animals known as megafauna, starting at the end of the last Ice Age. The most popular theory is that human overhunting of species added to existing stress conditions as the extinction coincides with human emergence. Although there is debate regarding how much human predation affected their decline, certain population declines have been directly correlated with human activity.

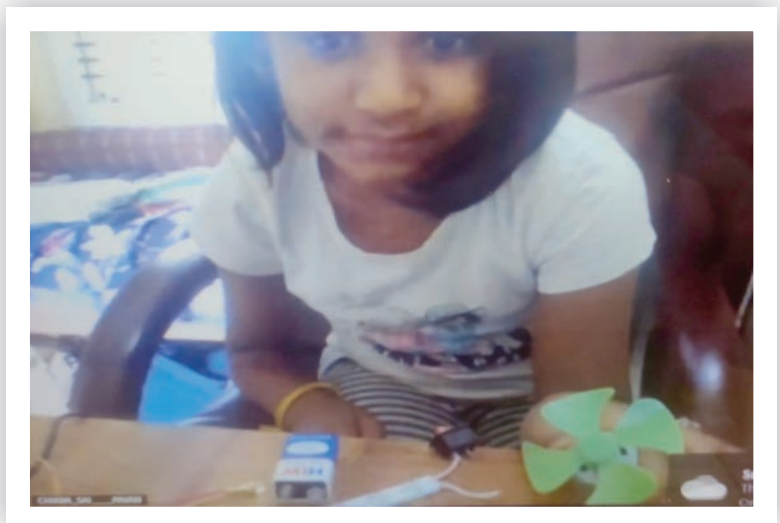
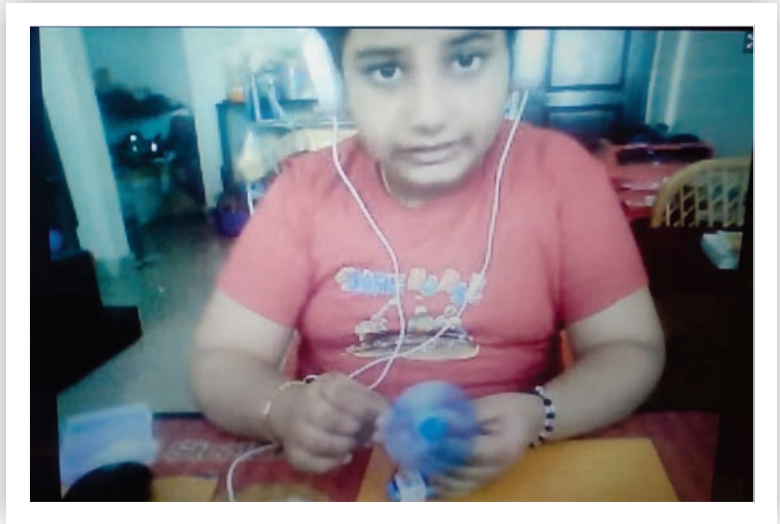
Previous studies have shown species are becoming extinct at a significantly faster rate than for millions of years before, but even so extinctions remain relatively rare giving the impression of a gradual loss of biodiversity. The new work instead takes a broader view, assessing many common species which are losing populations all over the world as their ranges shrink, but remain present elsewhere.

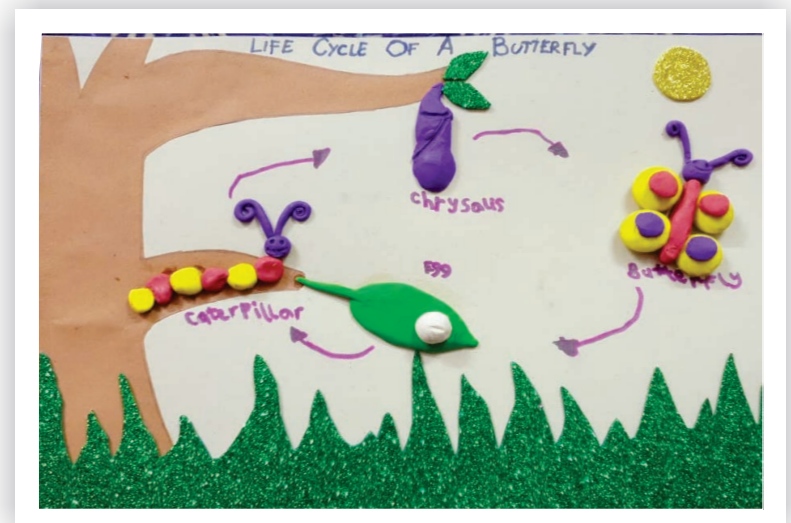
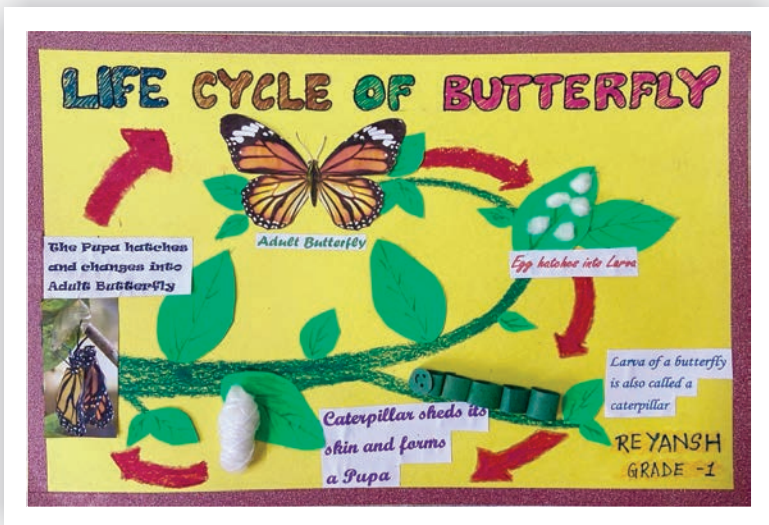
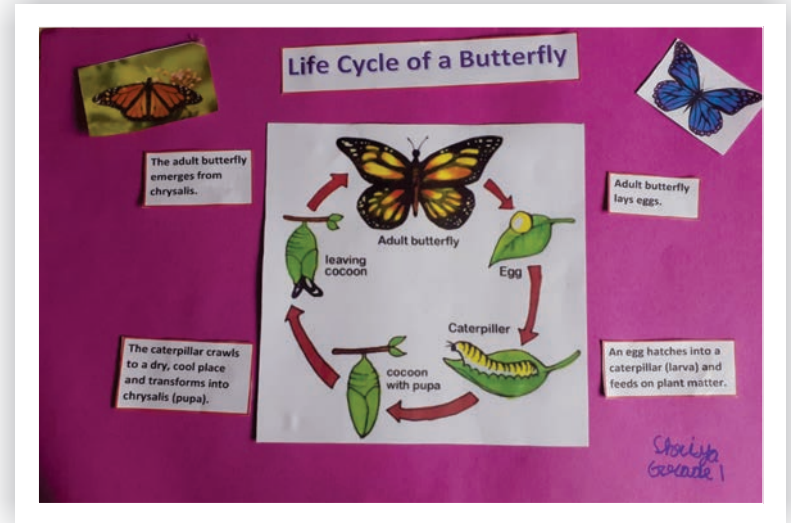
Detailed data is available for land mammals, and almost half of these have lost 80% of their range in the last century. The scientists found billions of populations of mammals, birds, reptiles and amphibians have been lost all over the planet, leading them to say a sixth mass extinction has already progressed further than was thought.

- Chandrlekha Bhattacharya

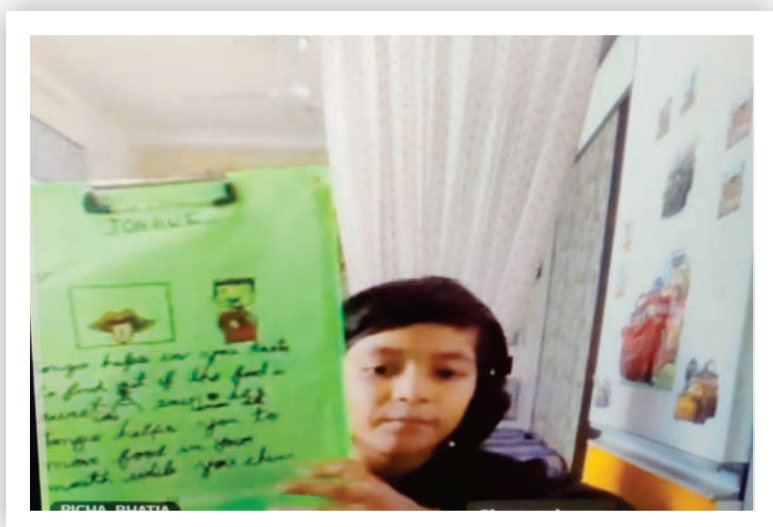
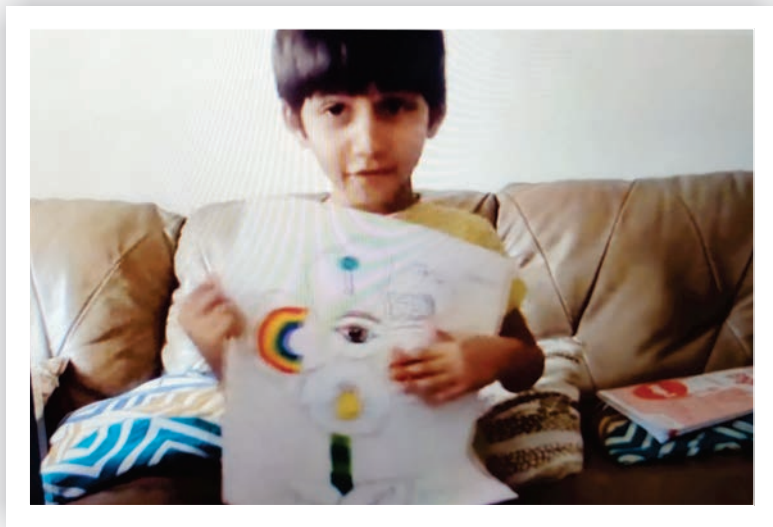
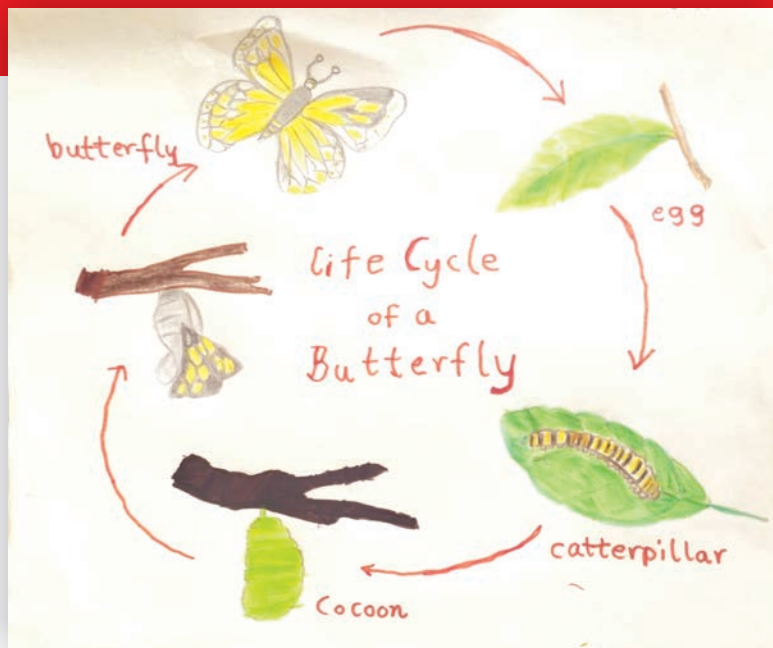
[Reference : Wikipedia and The Sixth Extinction: An Unnatural History, Web edition of "The Guardian"]

Garde 3 - Learning open and closed circuits.

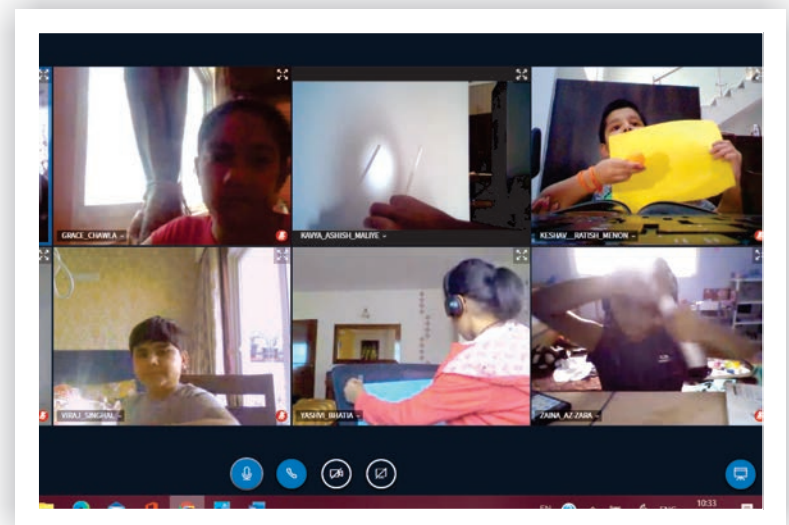
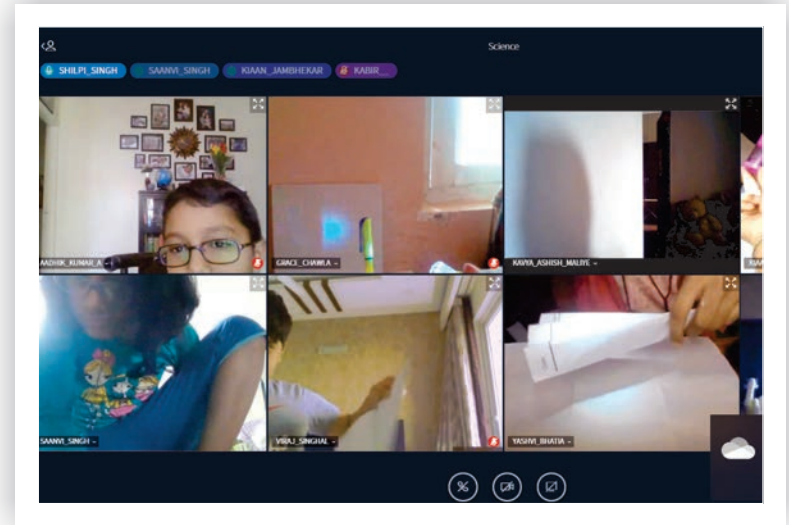




Grade 2 Topic sense of organs



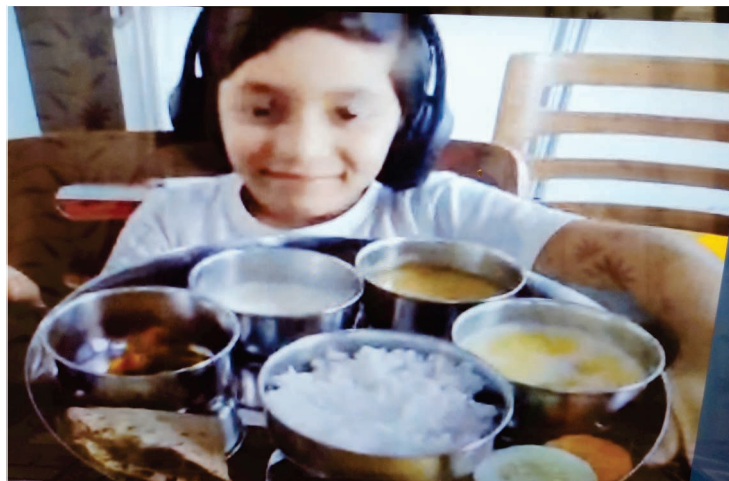




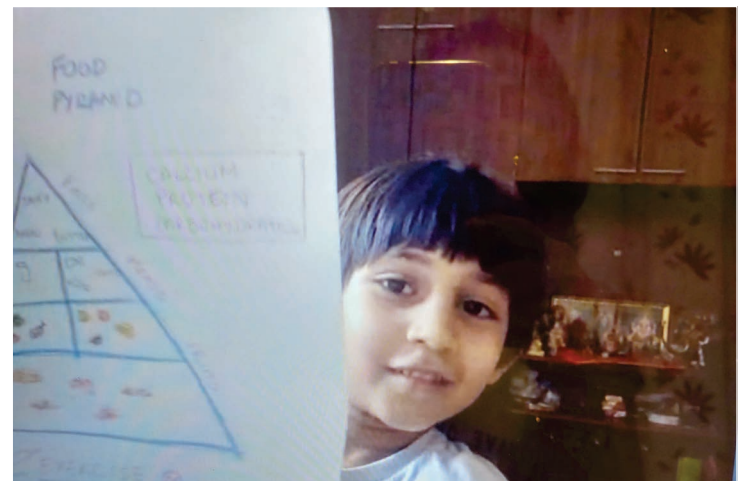
Grade 4 Light and Shadow Activity

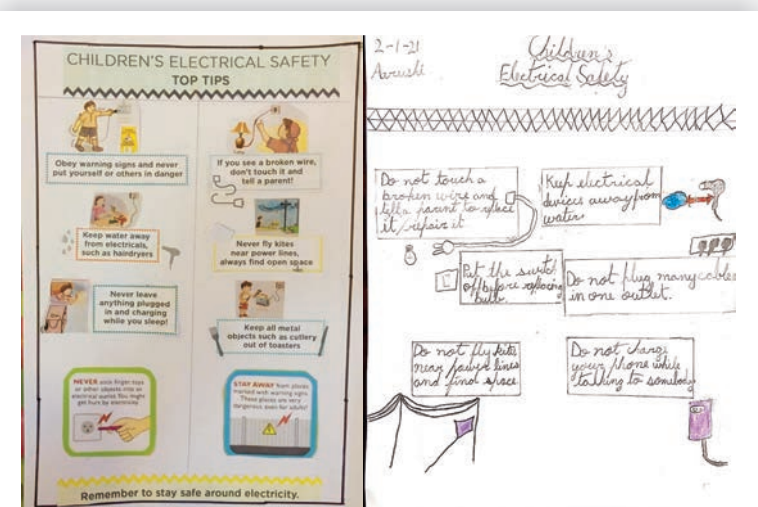
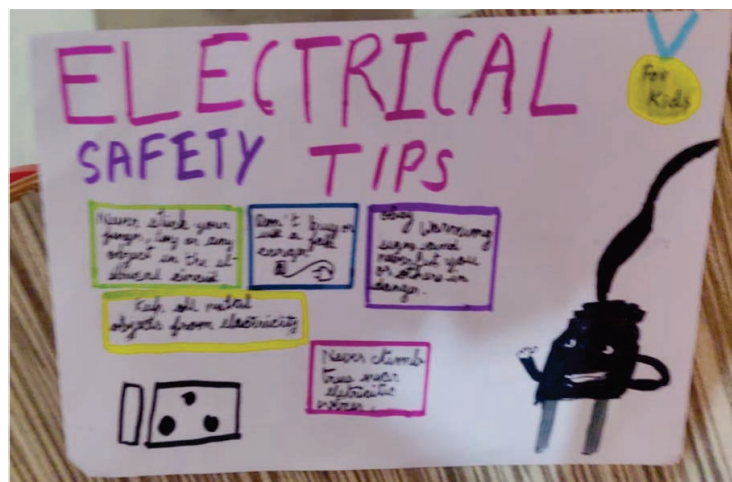
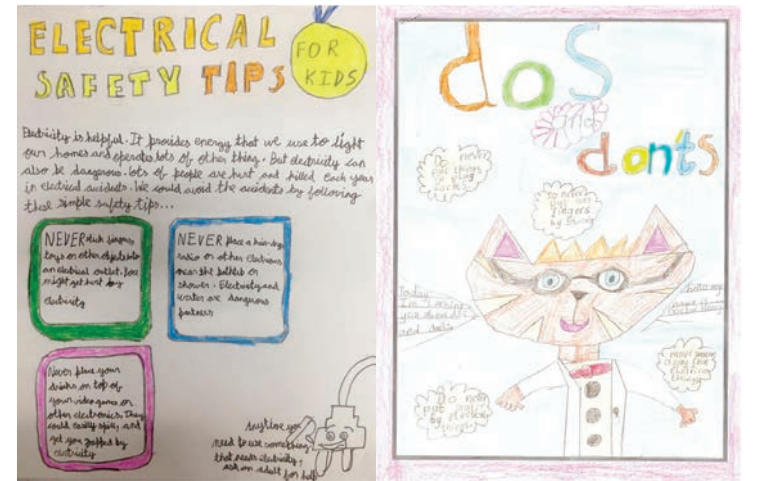


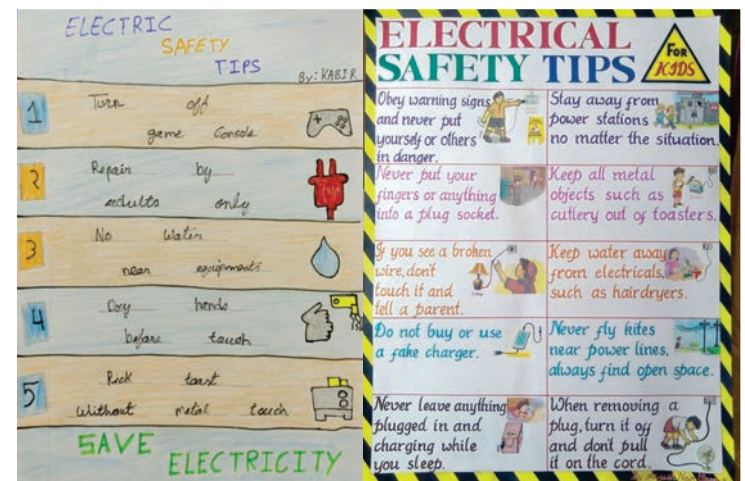
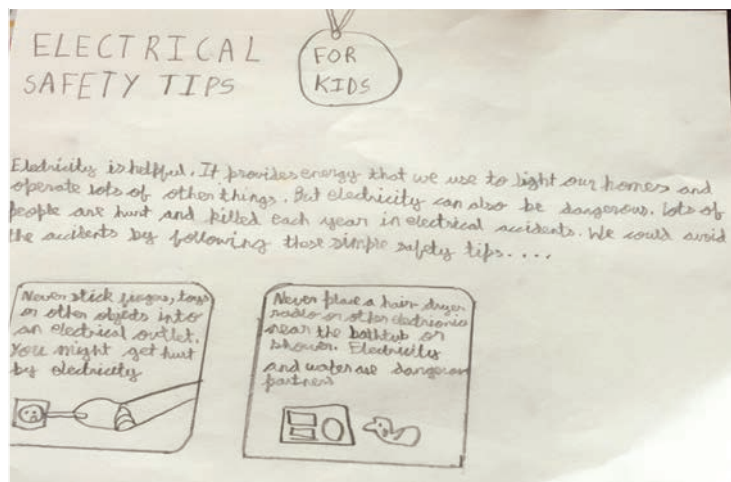
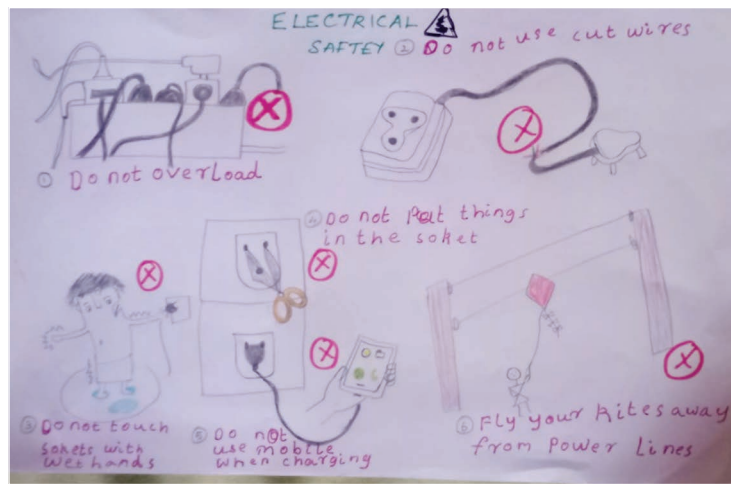
Grade 5 Model of Respiratory System

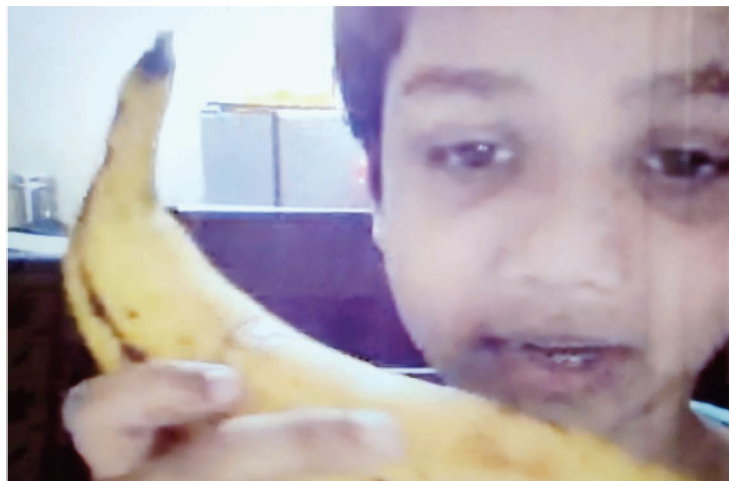


Grade2 Balanced Diet

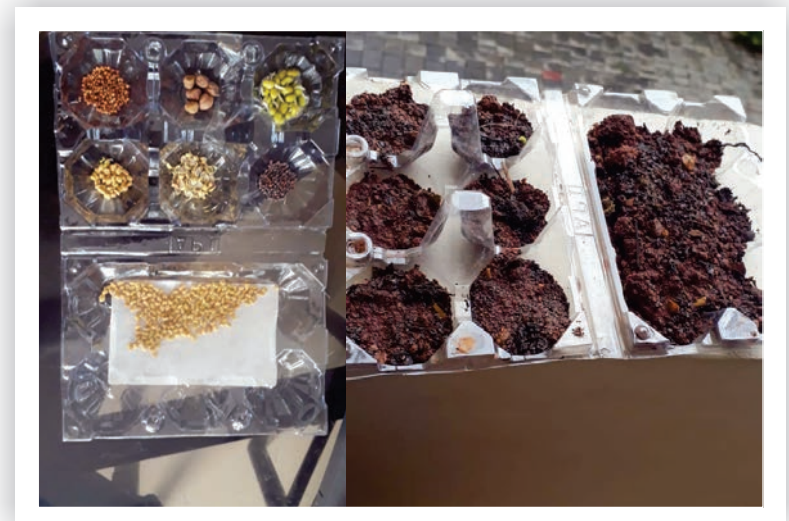
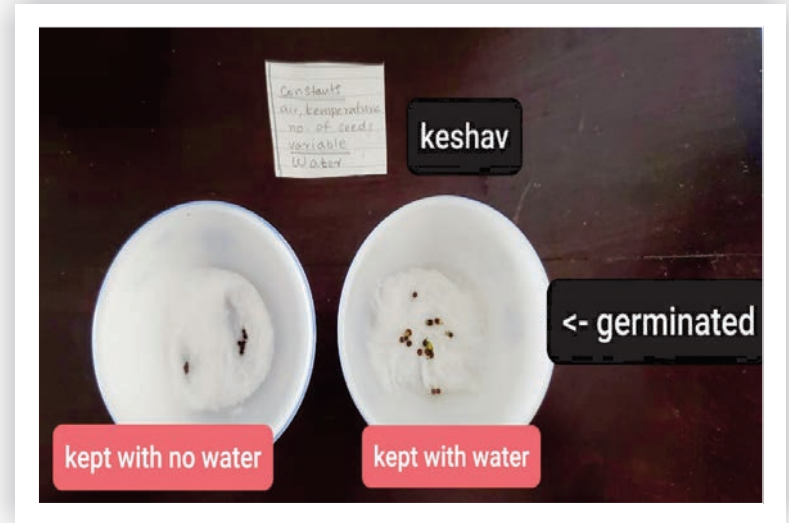
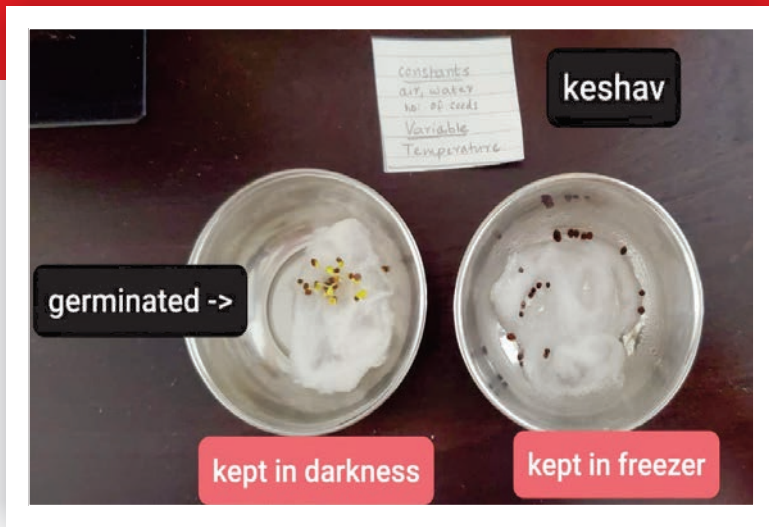




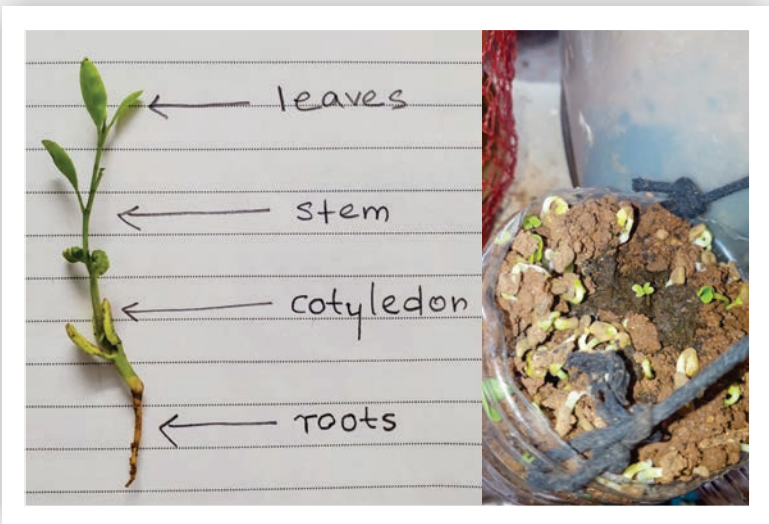




Science show and tell activity Grade 1



OSMOSIS



QUAD CORNER



Students learnt difference between a human and a machine (Grade 1).



Grade 6- Creating Cartoon strip using MS Word.

Students understand and explained the concept of networking with the help of presentation (Grade 7).



Students presented their web designs using WIX (Grade 7).



What i know about Siri

Siri is a digital personal assistant, integrated within Apple device operating systems. It enables Apple device users to get answers to questions, check the weather, confirm flights, perform searches, answer questions, complete actions, send a message and much more.

- Yashvi Bhatia, Grade 3

Who is Alexa?



- Alexa is a virtual digital assistant developed by Amazon
- You can ask any question to Alexa
- It has voice interaction
- Play music
- News
- Traffic report
- Add things to your shopping list
- Listen to jokes

- Bhoomika, Grade 3

ICT Application on Satellite Systems

In the contemporary world, Internet and Communication Technology is used for almost everything. It can be used for communicating, manufacturing, modelling, measuring etc. This article aims to discuss the use of ICT in Satellite systems.

A satellite is a machine placed in space orbit to carry out many different tasks. The satellites which orbit the Earth can be used for many jobs, including communication, television and broadcasting, navigating, scientific research etc. All satellites communicate with Earth through radio signals. This means there is a radio transmitter on the satellite which sends signal to a receiver on the ground. People on Earth send signals to and receive signals from the satellite using antennas on the ground. So this way, satellites can communicate with us.



We can watch Television at homes only because of the signal given by satellites from space. Satellite TV works by broadcasting video and audio signals from geostationary satellites to the dishes on the Earth's

surface. These Geostationary satellites are approximately 22,300 miles above the Earth's equator. The dish acts as a collector and reflector as it collects the signal and reflects it towards the feed horn. Navigation cannot be possible without the use of ICT and satellite systems. Global positioning satellites (GPS) systems determine the location of different modes of transport. Cars are now fitted with a GPS system to navigate you to the exact location. The on-board computer in cars contain road maps so you can see the car's exact location and also know where you are going. This is totally based on the satellite positioning and the driver can also be given verbal instructions.

Advantages of this is that the driver doesn't need any paper maps. Paper maps will not tell you the exact location and will only give rough ideas. The system can warn the driver about the placement of speed cameras. It can also estimate the time of arrival (ETA). It will also tell the fastest routes to take if there is traffic in other roads - this is detected by the satellites. You can get useful information such as location of petrol pumps etc.

There are a few disadvantages of GPS systems. If maps are not up to date, they can provide incorrect instructions. The system won't know about road closures or road works unless it is sophisticated. Loss of satellite signals can be a big issue. Also, if an incorrect start point or end point is keyed in the system, then it will give incorrect information.

- Aarush Mehrotra, Grade 9

Artificial Intelligence

Artificial intelligence is defined as a system's ability to correctly interpret external data, to learn from such data, and to use those learnings to complete tasks through flexible adaptation.

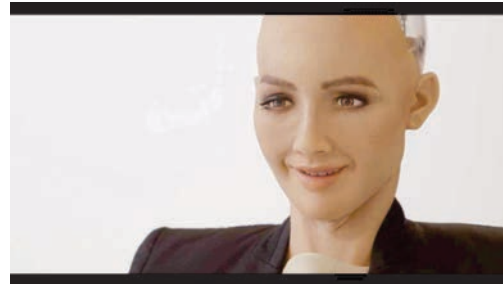
Artificial Intelligence (Better known as AI) is the technology that has completely revolutionized the 21st century.

Artificial Intelligence has three stages;

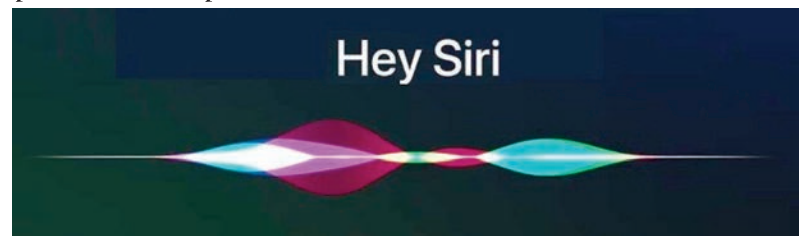
1. Artificial Narrow Intelligence
2. Artificial General Intelligence
3. Artificial Super Intelligence

Artificial Narrow Intelligence

Also known as Weak AI, ANI is the stage of Artificial Intelligence involving machines that can perform only a narrowly defined set of specific tasks.



At this stage, the machine does not possess any thinking ability, it just performs a set of pre-defined functions.



Examples of Weak AI include Siri, Alexa, Self-driving cars, Alpha-Go, Sophia the humanoid and so on. Almost all the AI-based systems built till this date fall under the category of Weak AI.

Artificial General Intelligence

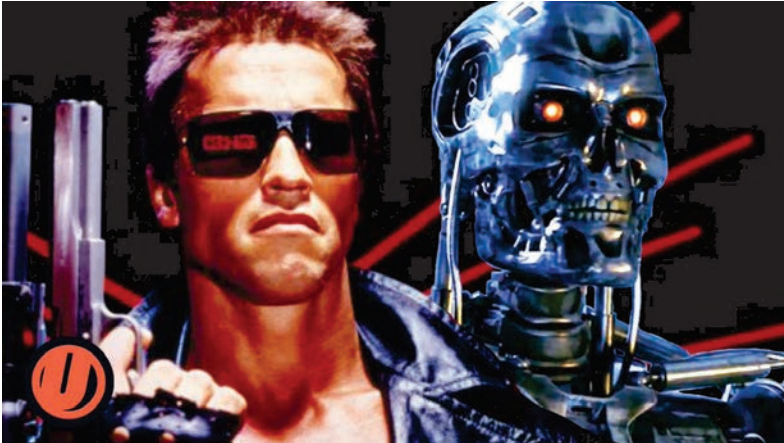
Also known as Strong AI, AGI is the stage in the evolution of Artificial Intelligence wherein machines will possess the ability to think and make decisions just like us humans.



There are currently no existing examples of Strong AI, however, it is believed that we will soon be able to create machines that are as smart as humans. Strong AI is considered a threat to human existence by many scientists.

Artificial Super Intelligence

Artificial Super Intelligence is the stage of Artificial Intelligence when the capability of computers will surpass human beings. ASI is currently a hypothetical situation as depicted in movies and science fiction books, where machines have taken over the world. Movies such as Terminator, Avengers, Age of Ultron, etc. are examples.



All in all, AI should be used to a limit, just enough to compensate for our needs but, if we cross the line, it could mean the end of humankind.

- Pradyumn Mohan, Grade 9

Digital Twins

A digital twin is a digital representation of a physical object or system. The technology behind digital twins has expanded to include large items such as buildings, factories and even cities, and some have said people and processes can have digital twins, expanding the concept even further. The idea first arose at NASA: full-scale mockups of early space capsules, used on the ground to mirror and diagnose problems in orbit, eventually gave way to fully digital simulations.

A digital twin begins its life being built by specialists, often experts in

data science or applied mathematics. These developers research the physics that underlie the physical object or system being mimicked and use that data to develop a mathematical model that simulates the real-world original in digital space.

The twin is constructed so that it can receive input from sensors gathering data from a real-world counterpart. This allows the twin to simulate the physical object in real time, in the process offering insights into performance and potential problems. The twin could also be designed based on a prototype of its physical counterpart, in which case the twin can provide feedback as the product is refined; a twin could even serve as a prototype itself before any physical version is built.

Digital twins can be used to predict different outcomes based on variable data. This is similar to the run-the-simulation scenario often seen in science-fiction films, where a possible scenario is proven within the digital environment. With additional software and data analytics, digital twins can often optimize an IoT deployment for maximum efficiency, as well as help designers figure out where things should go or how they operate before they are physically deployed.

The more that a digital twin can duplicate the physical object, the more likely that efficiencies and other benefits can be found. For instance, in manufacturing, where the more highly instrumented devices are, the more accurately digital twins might simulate how the devices have performed over time, which could help in predicting future performance and possible failure.

- Advait Kumar, Grade 9

Facial Recognition

As technology improves with time, we have been introduced to a new feature called facial recognition. Over time we have seen OCR, OMR, RFID, voice and touch recognition. This new biometric technology performs the process of verifying the identity of the person by using their face. Their primary use may only be known for unlocking smartphones but you can do so much more with this kind of biometric, that can have a major impact.

Touch ID is something that identifies the individual by scanning

their unique thumbprint, facial recognition is where you scan the individual's face which is a little more complicated than the former. First, when the face is being scanned it transforms analog into data information which gets computed into the device. The device will analyze the features of the face like how far apart the eyes are placed and the distance from your forehead to the chin. Then your facial recognition will have to be recognised by the database. When the scanned face is approved by the database, the device will unlock.



As said before, facial recognition has various other uses rather than just unlocking smartphones. For instance, it is being used by the government in airports for surveillance of the people that are coming and going for safety reasons. Just like how company entrances and other important facilities also use face ID for monitoring the people who enter and exit to check if they're the respective people. Thus, this technology reassures security more than it did with badges and ID cards. They have also been used in college classrooms for attendance, considering that it will be much more convenient for taking roll call and for tracking students missing class.

Even though facial recognition has plenty of advantages it also has its fair share of disadvantages. The disadvantages are usually surrounded by the concern and worry of privacy, such as, the technology mistakes your identity for someone else or the safety of your personal information spreading or getting hacked.

In conclusion, state-of-the-art biometric tech has contrasting ideas like, exposing identities while also creating better security for the future. Every technology has its strengths and flaws, let's just hope it changes the world for the better.

- Mathangi Sree Balamurugan, Grade 9

Machine Learning

In recent years we have seen exciting advances in machine learning. As a result of these amazing and creative systems only a few years ago performed at noticeably below human level. Machines can do much better than humans in several tasks.

Many people interact with systems based on machine learning on a day to day basis. For instance the image recognition systems, voice recognition or fingerprint detector used on social media, many appliances and gadgets. Machine learning is a base to many systems we use, it supports in advancing in a range of areas that are socially and economically based. Hospitals, schools, shopping centres and more use it as it provides you with an accurate result.

We humans don't always think about how any system works but there's always a lot behind the smartphone you use or an appliance we use, and machine learning is the base of many things or electronic devices we use.

- Diya Prakash, Grade 8

Robotic Surgery

30 years ago, robotic surgery was something that seemed truly unimaginable and extraordinary to think about. In the year 2000, robotic surgery was discovered and it is now thriving in the medical field improving as time goes. Today, we have surgically advanced and conjured up new technology.

Robotic surgery is where the robots assist the doctors in performing the surgery. They execute complicated procedures that are more difficult to do by the human hand. The robots usually do minimally invasive surgeries which they perform with precision.

The Da Vinci surgical system was allowed to be used to perform surgeries with advanced instruments and high definition cameras that

can be controlled by a computer console by the doctor. This was the 1st robotic assisted surgical system to be permitted to operate on the patient. The surgeon will be seated at a table with a computer console that shows the doctor exactly which areas to guide the instruments to. The Da Vinci System can be applicable with areas involving cardiology, gynecology, gastroenterology, and throat.



Advantages and Disadvantages

Some advantages of robotic surgery is :

- Reduced pain and blood loss
- Smaller and fewer scars
- Shorter hospitalization period
- Fewer complications to work with

Some disadvantages of robotic surgery is :

- Surgeries are longer
- Requires more anesthesia
- Cost of surgery is expensive

The robotic surgery is advancing to higher levels such as performing spinal fusion, biopsies, Kyphoplasty, and more. They will further on make more conventional and modernized technology.

- Mathangisree Balamurugan, Grade 9

Multimedia

Multimedia is something that uses a combination of different content forms such as text, audio, images, animation, video and interactive

content. The word 'multi' means many and 'media' means pictures, videos etc.

Web Based Multimedia Applications

This can be found all over the internet and come in varieties. A website is considered as multimedia if it contains more than one type of media. This include websites that consist of sound, video, text etc. Multimedia can be used for teaching where students learn through education videos or a news site might use podcasts to update people through websites. People can also watch their favourite entertainment programs through multimedia apps like YouTube from anywhere where there is an internet connection. Some concerning points are the minimum internet speed required and the bandwidth for streaming videos. The higher the quality of the video, the more internet speed it would require. An advantage of web based application is that it can make things interesting and enjoyable by the use of images and videos.

Augmented Virtual Reality

AVR is the adding on of certain computer generated elements to the world usually through display. This is can be applied to different types of industries and technologies and is currently in growth with e - commerce. Companies like IKEA use augmented virtual reality to give people an idea of how furniture will look like in their home. AVR can be used in automobile industries where manufacturers are using the technology within windshields. It also allows drivers to see the MPH, fuel gage and other information used when driving, without taking your eyes off the road. Augmented virtual reality is also incorporated within the medical field and also used within many devices.

- Aarush Mehrotra, Grade 9

Playstation 4 Pro Vs Xbox 1 X

The most recent battle has been between Playstation 4 pro and the Xbox 1 X. According to business insider in 2017 Playstation 4 has almost sold over 70 million units compared to the 26 million units XBOX 1 had sold as of January 2017. Put simply Sony has a ridiculous lead over Microsoft when it comes to the video game business said the article. But why is that and is it about to change.

Well, one of the major factors has been price. When the two consoles were released in 2013 the Xbox 1 was 499 and the playstation 4 was 399 enough to sway anyone with a small budget. The Xbox one was always intended to be much more than a device for gaming. It was also supposed to be an entertainment system for the home. Playstation 4 has always been more dedicated to gaming in itself. But now we have the Playstation 4 pro at 399,100 bucks less than the Xbox 1 X at 499. What decision we make could all depend on what our needs as some experts have said, the consoles are similar they are not side by side rivals.

First, let's have a look under the hood to speak. The Playstation 4 pro has a 4K resolution and high dynamic range (HDR) basically technology that gives you spectacular viewing quality and according to Sony it has twice the graphics power of its predecessor. Sony also said in a demonstration it could reach resolutions not thought to be possible on consoles in 2016. The console contains an 8-core,2.13GHz processor. It has 8GB OF GDDR5 and an additional 1 GB of RAM which will handle background processes. It boasts integrated AMD Polaris graphics with 4.2 teraflops of performance. You can also buy a virtual reality headset for this console while right now the Xbox 1 x doesn't have such a thing. This will cost you 299 though. You can play 4K Blu-ray discs on this console any stream 4K content.

Moreover, the Xbox 1 x claims to have 40 percent more power than any other console calling itself the most powerful of its kind. It also has 4K and HDR. it will run a little faster with its 8-core 2.3GHz processor. This Xbox 1 X will have 12GB of GDDR5. As for GPU it boasts integrated AMD graphics with 6 teraflops of performance. Both consoles will play original 4K games and also what Microsoft calls X optimized games and Playstation 4 pro calls enhanced games.

First of all, wired points out that if you want to play 4K games on your 4k console than you have a 4K TV or monitor. 4K TVs are not too expensive so that should not be a problem. Let's go through the main differences again : the Xbox 1 X has more power and its smaller. The Playstation is 100 dollars cheaper but you have the opportunity to buy a VR headset for games.

- Barieq Syed, Grade 7

Ai- The Artificial Intelligence

Artificial intelligence. AI. It's THE topic these days. In schools, offices, parties, debates and any other place you can imagine. Whether it's the implications for future generations, or even the ethical implications. Artificial intelligence is the future for the human race. It opens so many new fields of study and the possibilities for miracles are endless. The futuristic worlds we see in science fiction movies are no distant improbable events of the future but merely a couple of decades away.

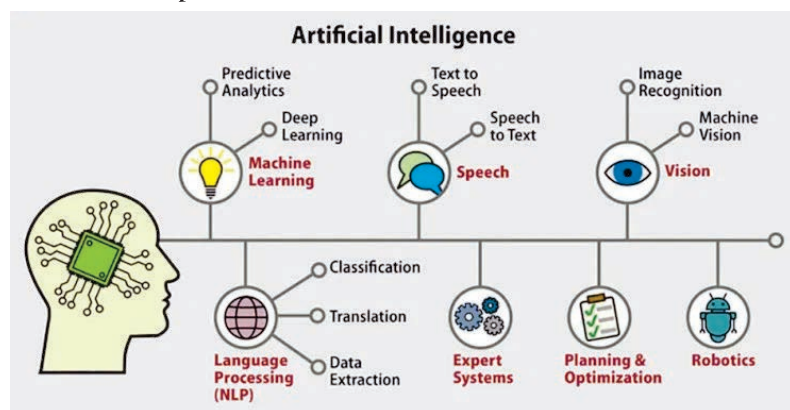


So what exactly is AI? The dictionary definition of Artificial intelligence is the ability of a machine or a computer program to think and learn. The concept of AI is based on the idea of building machines capable of thinking, acting, and learning like humans, except without all the drawbacks that a human brings to the table. These machines don't make mistakes, think at a speed incomprehensible to humans, don't get tired, need holidays or breaks. They don't have family commitments and don't get old. At the rate at which technology is progressing and the amount of money (\$100 billion per year by 2023) that is going to research and development, AI is almost upon us.

AI is ubiquitous today, it can be used anywhere, in basically every field. AI can be split into 2 broad categories - narrow AI and broad AI. Narrow AI is the intelligence we see everyday around us. Intelligent systems that have been taught or learned how to carry out specific tasks without being explicitly programmed how to do so. On the other hand is Broad AI. That's the stuff from movies. Robots that look like and behave like humans. That's not been invented yet but people are fiercely working on it.

A common concern with AI is the loss of jobs that it could cause on a large scale. While they cause about 75 million redundancies, they create a staggering 133 million more jobs, that are more interesting, skilled, technical and less repetitive than the jobs that will be lost. The building and development of AI technology will create a more technically educated and skilled workforce.

Cultural and language gaps can be speedily bridged with AI through translation which have major implications in the workplace. Advancements in AI will lead to precision surgery, better diagnosis, treatment and developments of drugs. It will lead to efficient and low cost healthcare world wide. For governments AI provides a means of reduced paperwork, reliance on bureaucracy and quicker responses. However it does give the government power that may not be used ethically - from mass surveillance and hacking to potent weapons. Of course the most exciting parts of AI are space exploration or even exploration of remote areas on earth. Self driving cars and robot waiters and housekeepers. The possibilities are endless, though many have ethical implications.



How ethical is AI? It can enable the government to listen in on every phone call text and meeting in the name of national security. Applications like Siri mean privacy concerns, with hackers easily gaining access to personal and financial information. Self driving cars have to be programmed to make decisions in case of accidents. Avoid a car coming head on or avoid the pedestrian on the sidewalk? Save the child in the car or the child in another car. There are severe privacy and safety issues that can affect people on an international, national and personal level.

So, with great power comes great responsibility. While developing AI systems scientists have to carefully consider all ethical and safety issues and make the public aware of them. However there is no doubt that AI is the future of mankind and in the next 20 years the world is going to change more than it has in the last 100 years.

- Tara Dhondiyal, Grade 9

Good ICT practice for teaching

ICTs stand for information and communication technologies and are defined as a “diverse set of technological tools like computers and the Internet, and resources used to communicate, and to create, disseminate, store, and manage information.”

Information and Communication Technology has permeated in every walk of life that enables interactive and collaborative learning best. 21st century is characterized by the emergence of a knowledge based society wherein ICT plays a pivotal role. The National curriculum framework 2005 (NCF 2005) has also highlighted the importance of ICT in school education. With this backdrop, a major paradigm shift is imperative in education characterised by imparting instructions, collaborative learning, and multidisciplinary problem-solving and promoting critical thinking skills.

Foundation of these skills is laid at school level. It is desirable that affordable ICT tools and techniques should be integrated into classroom instructions right from primary stage so as to enable students develop their requisite skills.

DPS Bangalore East has been at the forefront of adopting the most modern innovations and practices to ensure there is a continuous enhancement in the overall quality of teaching and learning. We believe that it must bring the immense benefits of ICT and computing technology to every classroom to improve academic outcomes of learners and to enhance the productivity of teachers in classrooms.

There are three general approaches to the use of ICT for teaching:

- Learning about computers and the Internet, in which technological literacy is the end goal;
- Learning with computers and the Internet, in which the technology facilitates learning across the curriculum;
- Learning through computers and the Internet, integrating

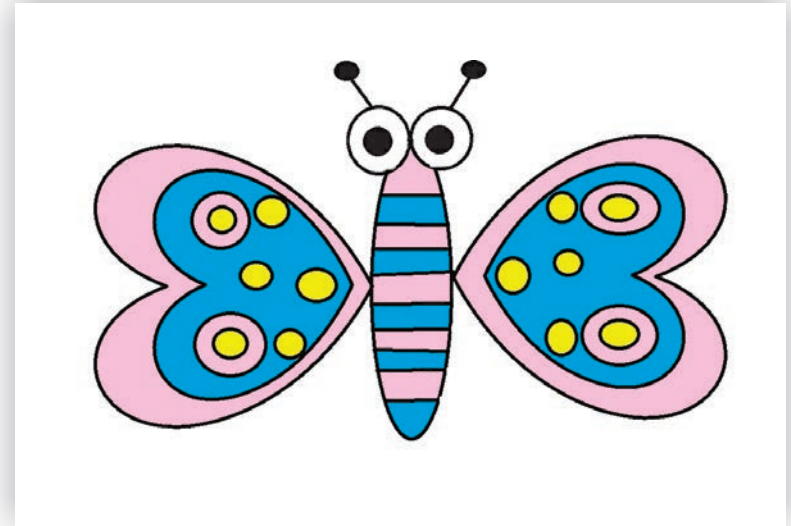
QUAD CORNER

- technological skills development with curriculum applications.
- Use for doing different kind of research

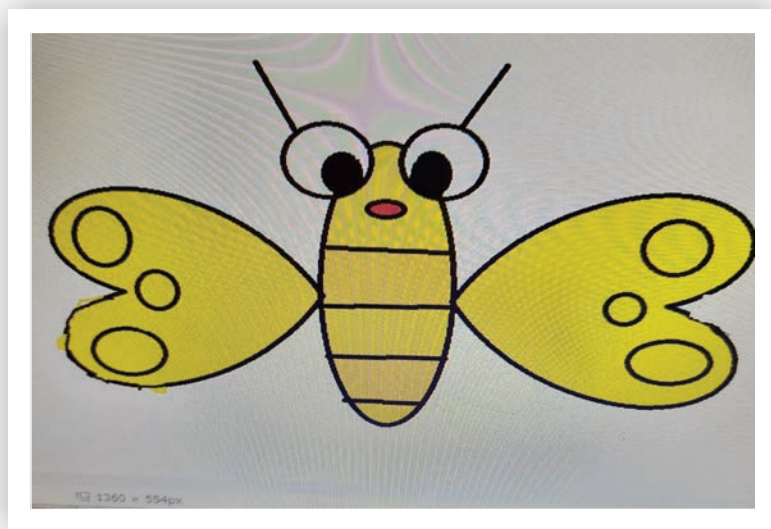
As a result, we teachers observed that when ICTs are used appropriately to complement a teacher's existing pedagogical philosophies, ICT can have positive effects on student achievement.

I believe that ICTs have empower teachers and learners, transforming teaching and learning processes from being highly teacher-dominated to student-centered, and that this transformation will result in increased learning gains for students, creating and allowing for opportunities for learners to develop their creativity, problem-solving abilities, informational reasoning skills, communication skills, and other higher - order thinking skills.

- Asmita Pandey, Teacher

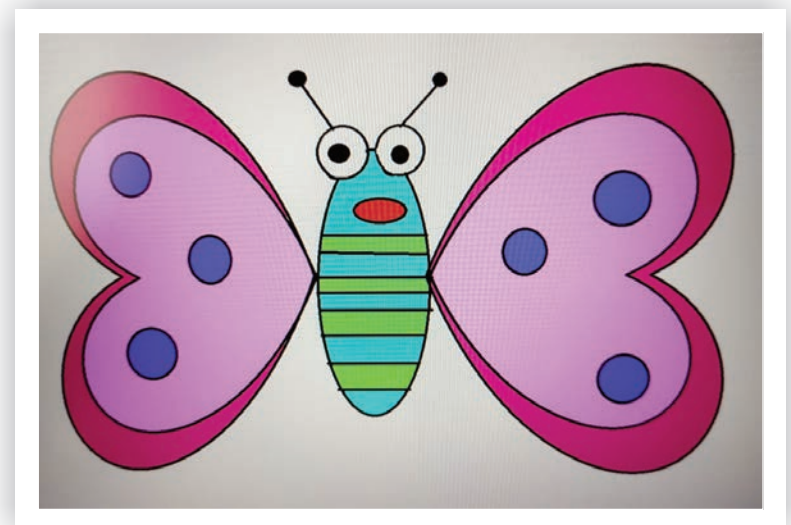


- Amulya



- Aashay

Grade 2 - Drawing a Butterfly

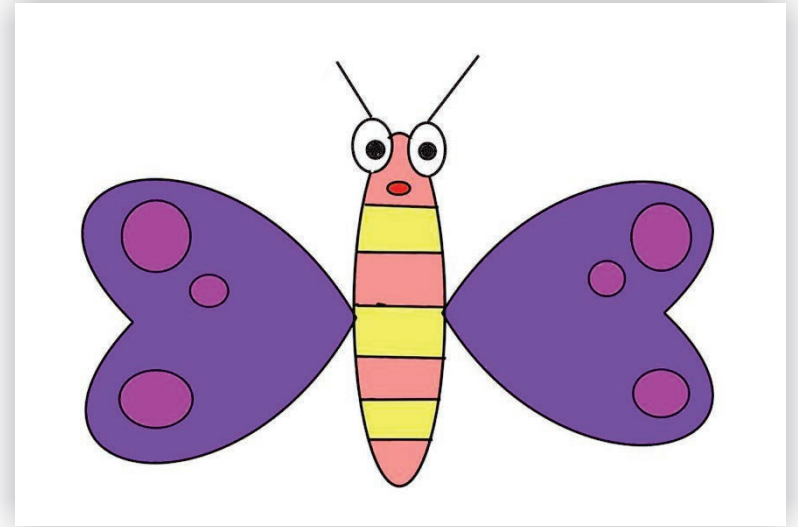


- Durga

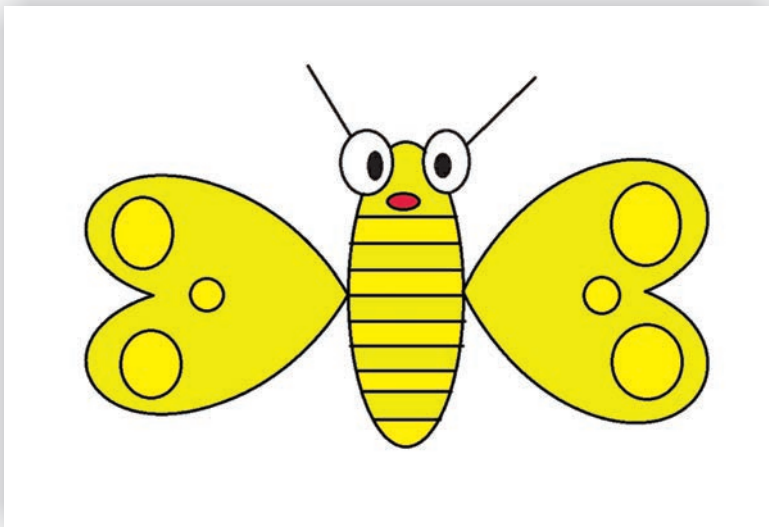
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- Gurbaani



- Loukya

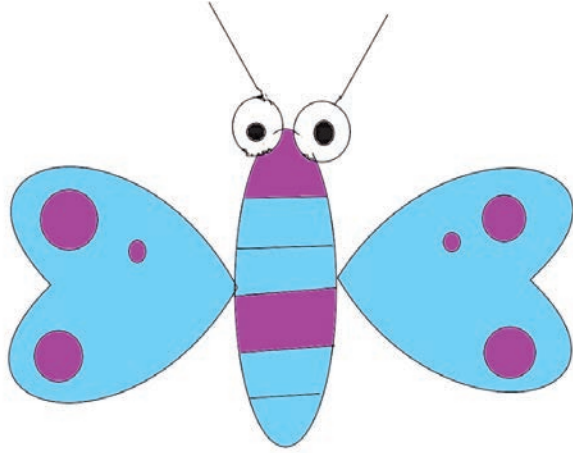


- Richa

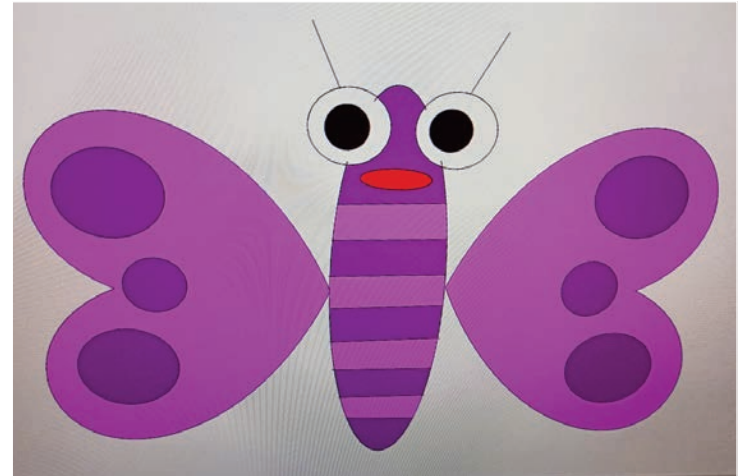


- Rida

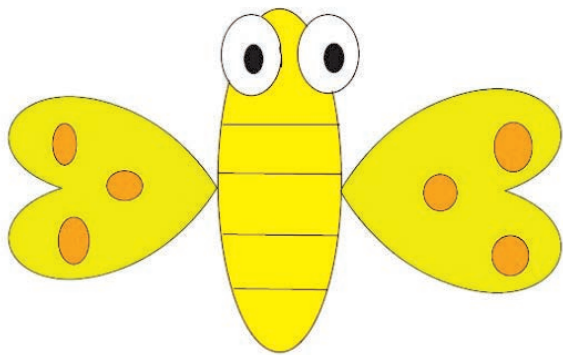
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- Shanaya

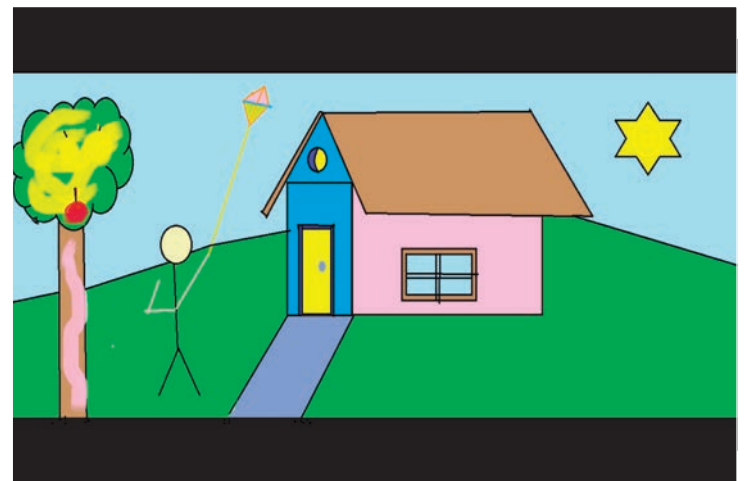


- Suhana



- Vihaan

Grade 2 - Drawing with Shapes

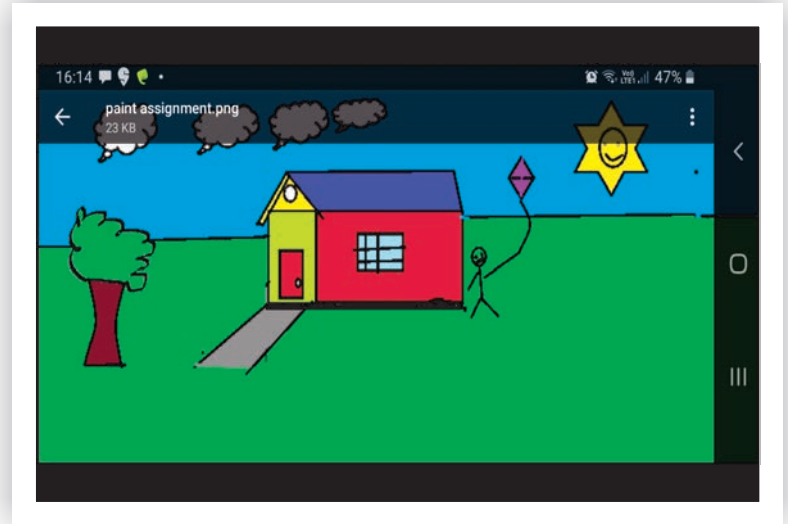


- Aashay

QUAD CORNER



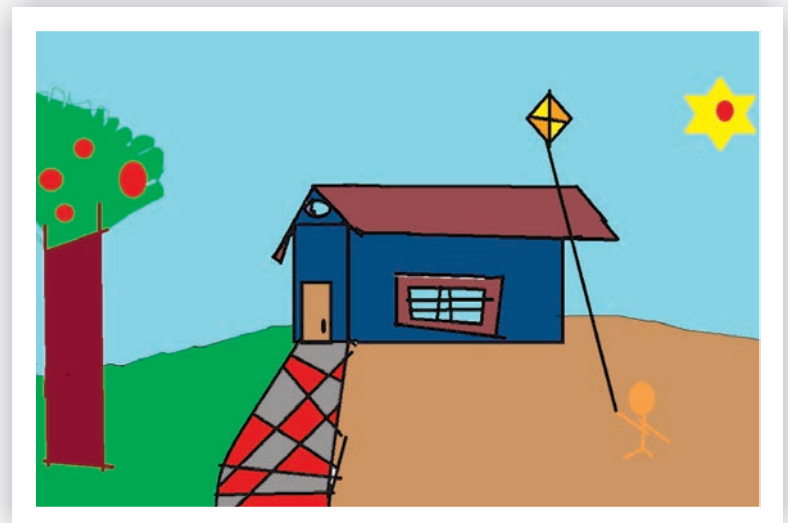
- Durga



- Farzaan

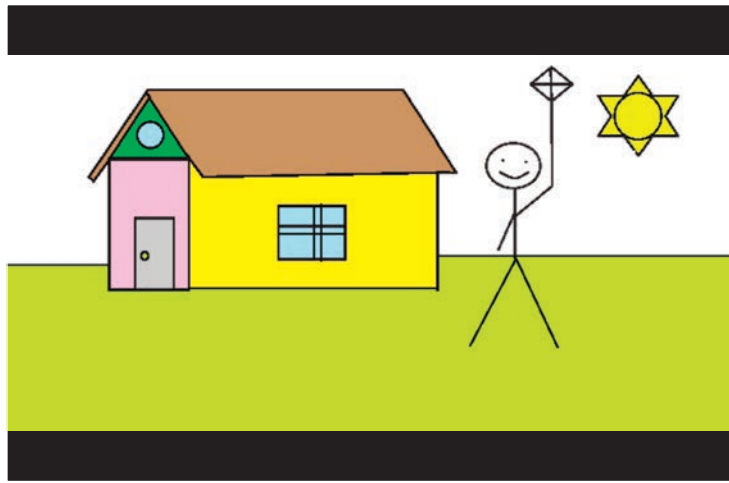


- Loukya

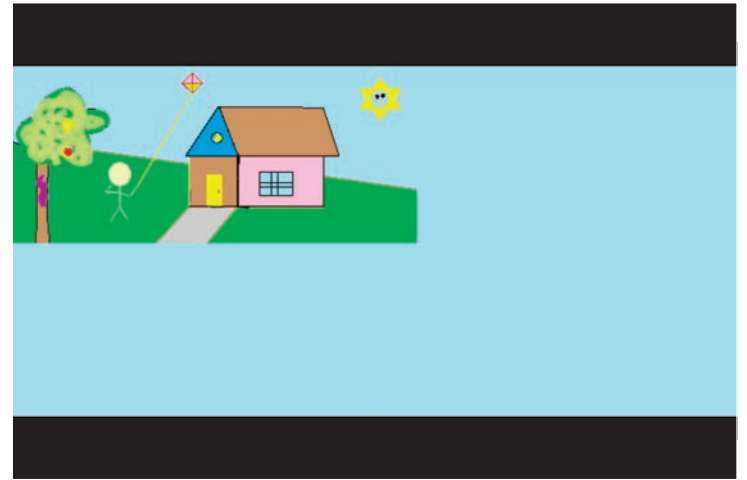


- Milan

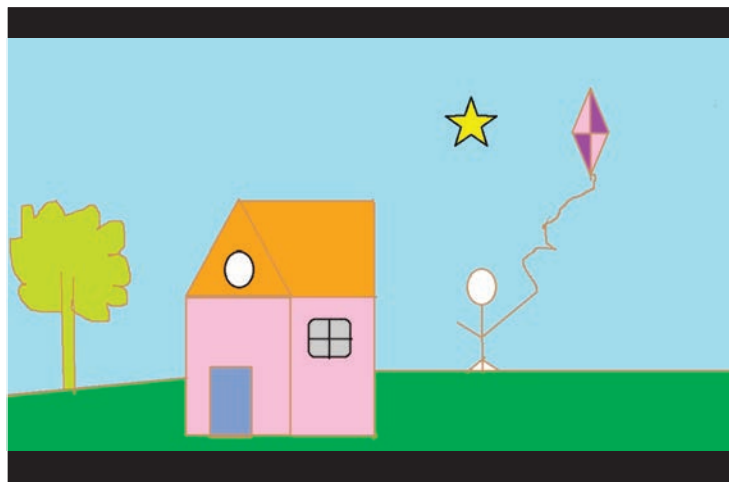
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- Preetika



- Richa

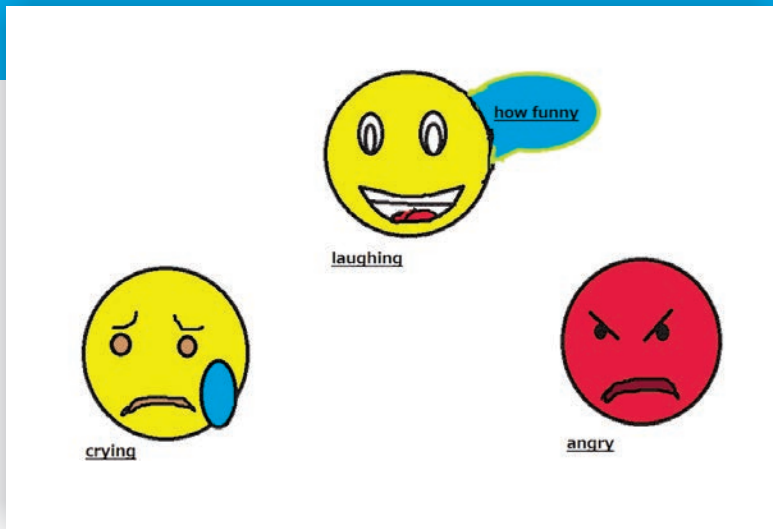


- Saachi

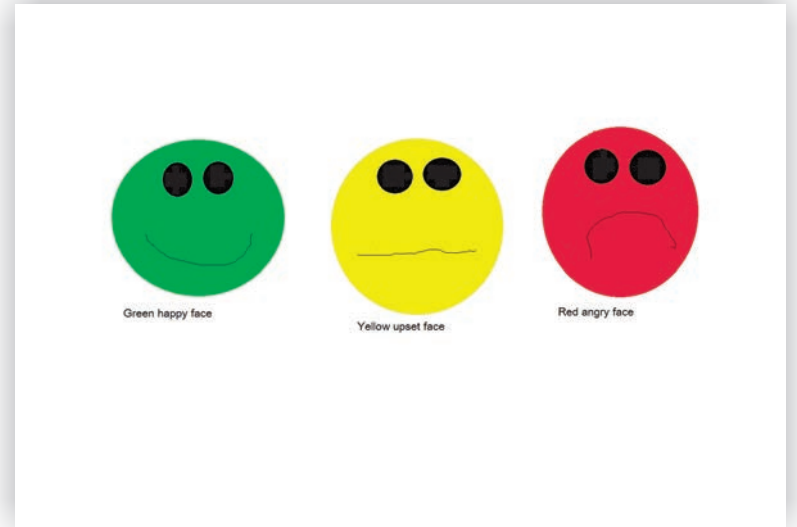


- Suhana

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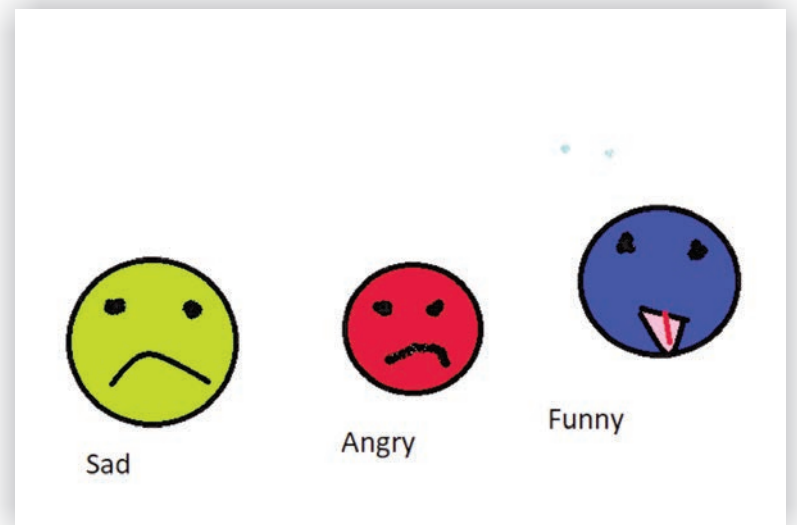
- Aashay



- Amulya



- Durga



- Farzaan

QUAD CORNER



green happy face



yellow undecided face



red sad face

- Milan



HAPPY



SAD

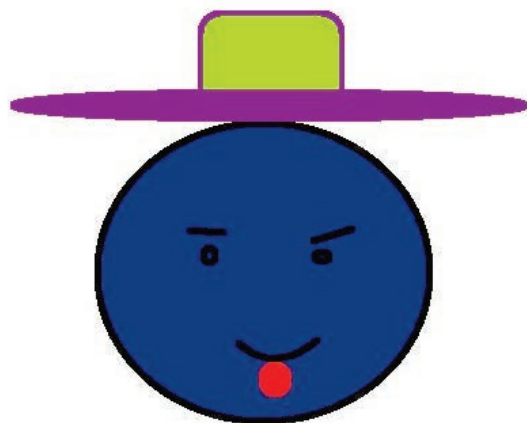


ANGRY

- Saachi



- Rida



- Yuvaan



Happy face



undecided face



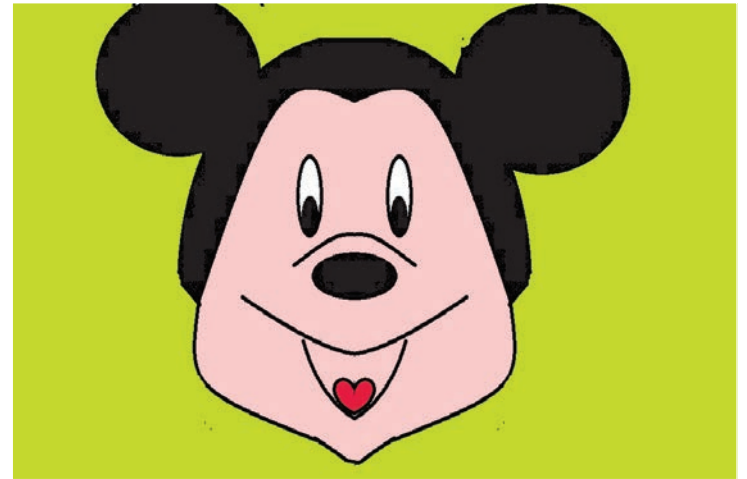
sad face

- Vihaan

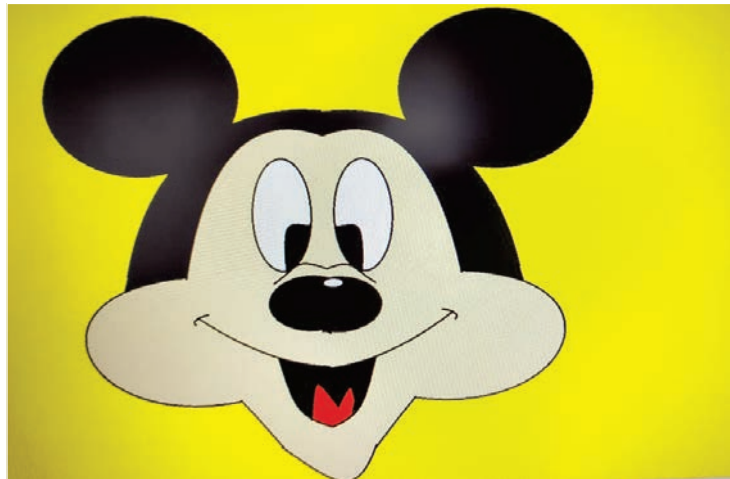
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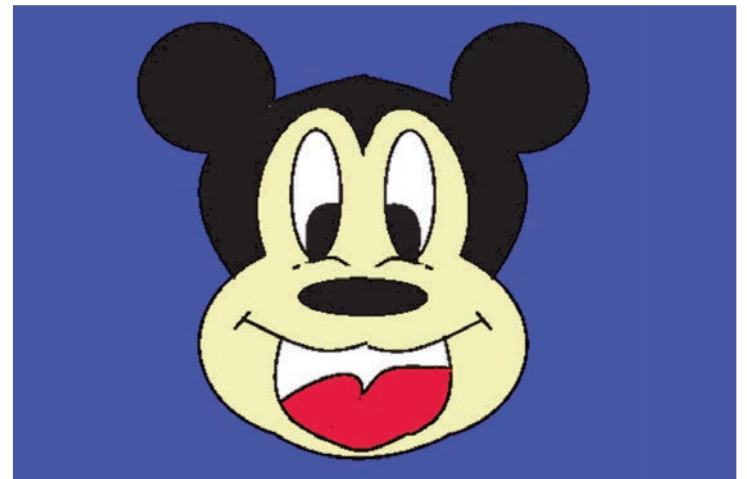
- Aashay



- Amulya

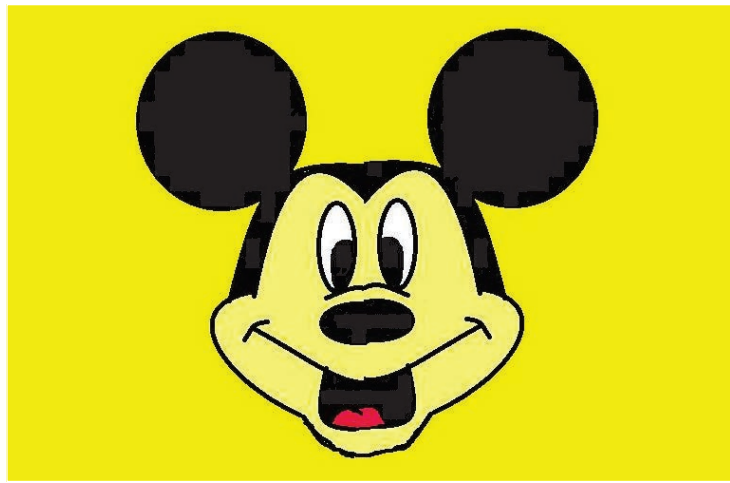


- Durga

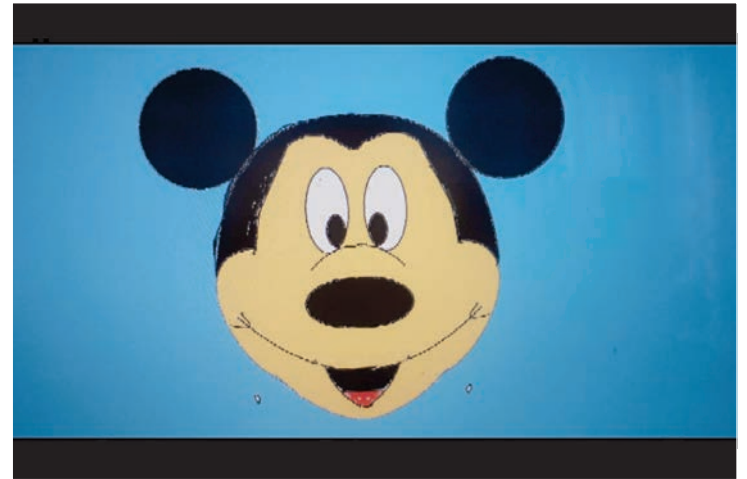


- Farzaan

QUAD CORNER



- Loukya

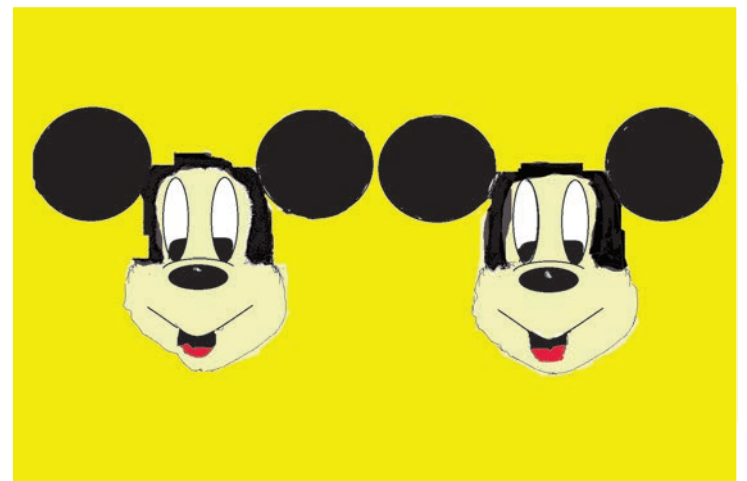


- Rida



- Shanaya

Grade 2 - Drawing a Butterfly



- Suhana

Reunde Beschreiben Viraj Singhal

Hallo Ich heiße Aditya. Mein freund heißt Viraj. Er ist frech und nett. Er ist acht (8) Jahre alt und ist 134 cm groß. Er kommt aus USA. Er wohnt in Adarsh Palm Retreat. Er ist dünn. Er spricht Englisch, Hindi und Deutsch. Viraj Haare sind schwarz und Augen sind braun. Er liebt fernsehen und spielt Badminton. Sein Hobby ist Badminton spielen. Er hat einen Bruder.

- Aditya Singhal, Grade 5

Die Bedeutung der Deutschen Sprache in der Welt

Deutsch ist leicht zu erlernen. Deutsch und Englisch haben die gleiche germanische Wurzel. Folglich, gibt es viele tausend Wörter, die eng miteinander verbunden sind. Zum Beispiel, ist das Englische 'chin' auf Deutsch 'Kinn'. Water wird 'Wasser' und 'Father' wird 'Vater'.

Deutsch ist das Tor zu einer Weltklasse- Hochschulbildung. Deutsche Universitäten genießen einen ausgezeichneten internationalen Ruf. Kein Wunder, dass sich dort Wissenschaftler und Forscher versammeln!

Deutsch ist eine wichtige akademische Sprache. Deutsch ist die am häufigste verwendete wissenschaftliche Sprache. Einer der Gründe dafür ist, dass der deutsche Buchmarkt nach dem chinesischen und englischen Verlagswesen in der Industrie der drittgrößte der Welt ist.

Deutschland ist ein wirtschaftliches Kraftwerk. Deutschland ist die größte Volkswirtschaft innerhalb der Europäischen Union und die viertgrößte weltweit. Es ist die Heimat zahlreicher internationaler Unternehmen und an vorderster Front neuer Technologien. Die Kenntnis der Sprache Ihrer deutschen Geschäftspartner kann die Chancen für eine effektive Kommunikation und eine erfolgreiche berufliche Beziehung erheblich verbessern.

Deutsch ist die am häufigste gesprochene Muttersprache in Europa. Englisch, Französisch und Deutsch sind die drei offiziellen Arbeitssprachen der Europäischen Union. In absoluten Zahlen ist Deutsch die am zweithäufigsten Muttersprachlern ist Deutsch jedoch die Nummer eins.

Deutschen Unternehmen sind Weltmarktführer. Siemens, Volkswagen, Adidas sind weltweit anerkannte Vorstände und Unternehmen. Das Land beherbergt auch einige der größten Messen, die weltweit größte Messe für IT sowie die IFA-Messe für Unterhaltungselektronik. Die deutsche Hauptstadt Berlin entwickelt

sich zu einer Drehschreibe für innovativ Startups. Deutschkenntnisse haben also das Potenzial, die Karrieremöglichkeiten erheblich zu verbessern.

Aus den oben genannten Gründen sollte jeder die deutsche Sprache lernen.

- Diposree Roy, Teacher

Translation :

The Importance of German Language in Worldwide

German is easy to acquire. If one is an English speaker, he / she is quite advantaged. This is because German and English share the same Germanic root. Consequently, there are many words, which are closely related. For example, the English 'chin' is 'Kinn' in German. 'Water' becomes 'Wasser' and 'father' turns to 'Vater'. We need to practise the pronunciation.

German is the gateway to a world-class higher education. One of the reasons why German has such a high standing in the science community is the fact that Germany's universities have an excellent international reputation. The German system for higher education boasts several universities with a very low or non-existent tuition free. No wonder scholars and researchers are flocking there!

German is an important language in academia. German ranks second as the most commonly used scientific language. One of the reasons for this is that the German book market is the third largest in the world, right after the Chinese and English publishing industries.

Germany is an economic powerhouse. Germany is the biggest economy within the European Union and the fourth largest worldwide. It is home to numerous international corporations and on the front line of new technologies. While the schooling system in Germany is set up in a way that every German citizen knows at least some English, communicating with someone in their native tongue is a sign of good faith that is appreciated everywhere. Knowing the language of your German partners can greatly improve the chances for effective communication and successful professional relationships.

German is the most widely spoken native language in Europe.

English, French and German are the three official working languages of the European Union. In absolute numbers, German is the second most spoken language on the continent of Europe. However, when it comes to native speakers, German is number one. In the English-speaking world, German is also the third most taught foreign language.

German companies are global market leaders. Siemens, Volkswagen, Adidas are globally recognised brands and corporations. The country also hosts some of the biggest international trade fairs, the world's largest exhibition for IT, as well as the IFA trade fair for consumer electronics. Meanwhile the German capital Berlin is turning into a hub for innovative start-ups. So, knowing German has the potential to greatly enhance the career opportunities.

So, for the above reasons everyone should learn German language.

- Diposree Roy, Teacher

Bier

Bier ist eines der am häufigsten getrunkenen alkoholischen Getränke. In Mesopotamien (im alten Irak) findet man Hinweise auf ein 3900 Jahre altes Gedicht zu Ehren von Nasaki, der Schutzgöttin des Brauens, das das älteste Bier Rezept enthält.

Die Geschichte

Bier wurde von den Sumerern an die Babylonier weitergegeben. Bier wurde auch in China und verschiedenen Teilen des alten Europas gefunden. Bier war zunächst ein Handwerksprodukt, wurde jedoch nach der industriellen Revolution in Europa zu einem Industrieprodukt und wurde in Klöstern verkauft. Nach der Erfindung von Hygrometern und Thermometern hatte der Brauer mehr Kontrolle über den Prozess und wusste mehr über die Ergebnisse. Bier landete zuerst in Augsburg. Es wurde das Gesetz erlassen, dass wenn schlechtes Bier oder unehrliche Mengen Bier ausgeschenkt werden, eine Geldstrafe verhängt und das Bier zerstört wird. Das bekannteste und bekannteste Biergesetz ist das Reinheitsgebot. Das "Reinheitsgebot" ist die älteste Lebensmittelverordnung der Welt und besteht noch heute unverändert zum Original. Es wurde von Herzog Wilhelm IV. Von Bayern im Jahr 1516 bestellt. Es besagte, dass Bier nur aus Gerste,

Hopfen und Wasser gebraut werden sollte. Dank der Verordnung wurden die bayerischen Biere zu Spitzenreitern unter ihren Mitbewerbern. Damit haben auch andere Bundesländer die Regelung durchgesetzt.

Heute wird Hefe natürlich auch als lebenswichtiger Bestandteil anerkannt, aber es war ein Bauelement, dessen Wirkung zum Zeitpunkt der Gesetzgebung unbekannt war. Damals verwendeten die Brauer nur die in der Luft vorhandene Hefe.

Die Brauer

Wie das Brotbacken war das Brauen in den ersten Jahrhunderten das Werk der Frau. Erst zur Jahrtausendwende begannen die Klöster mit dem Brauen. Die Mönche interessierten sich besonders für die wissenschaftlichen Aspekte des Brauens, und so wurde im Brabanter Kloster zum Würzen zum ersten Mal Hopfen probiert. Das führte wahrscheinlich zu der Legende, dass Brabanter König Gambrinus der Erfinder des Bieres war. Er wird heute noch als großer Förderer der Brauer und als Bierliebhaber in Erinnerung behalten.



Aber die Mönche haben das Bier nicht nur aus eigenem Durst gebraut. Viele Gemälde aus dieser Zeit zeigen, dass sie sich diesem Getränk sehr verschrieben haben - und mit der Zeit entwickelten sich

viele der Kreuzgänge zu sehr einträglichen Geschäften. Als Entschädigung hatten die Mönche legal das Recht, Bier zu vermarkten. Das führte zur Geburt von Klosterschänken, Taprooms, wo die Mönche das Bier zum Mitnehmen verkaufen konnten. In der Zwischenzeit war das Brauhandwerk in den vielen aufstrebenden Städten Deutschlands zu einem angesehenen Beruf geworden.

Die Bierstädte

Mit dem Anstieg der Exporte entwickelten die Deutschen weltberühmte Bierstädte. Im 14. Jahrhundert war Bremen der Mittelpunkt der Bierexporte nach Holland, England und Skandinavien, Hamburg war die Brauerei der Hanse: Um 1500 befanden sich dort etwa 600 Brauereien. Die Hanse exportierte Bier bis nach Indien. Auch Braunschweig und Einbeck, der Geburtsort des Bockbiers, waren wichtige Bierstädte.

- Muskan Shivakumar. Grade 7

Dialog schreiben

Im Restaurant

Oliver : Mensch, ich habe einen Hunger...

Markus : Also, was möchtest du nehmen?

Oliver : Ich weiß nicht. Vielleicht einen Hamburger oder Döner.

Markus : Ich möchte eine Pizza nehmen.

Oliver : Okay. Ich nehme auch eine Pizza und ein Getränk. Aber was?

Markus : Ich trinke gern Saft.

Oliver : Saft ist gut, aber Apfel oder Orange?

Markus : Trink einen Orangensaft. Der ist lecker!

Oliver : Ja, Ja. Ich nehme eine Pizza und einen Orangensaft. Was möchtest du trinken?

Markus : Nichts, Danke. Ich habe keinen Durst!

Oliver : Okay!

Oliver : (zur Verkäuferin) Wir nehmen zwei Pizza und einen Orangensaft, bitte!!

- Shriya Kraunakaram, Grade 6

E-mail Schreiben

Schreib eine E-Mail an deinen Freund/deine Freundin und erzähl ihr / ihm über deine neue Schule.

Lieber Eshan,

ich bin in der sechsten Klasse. Meine Schule heißt Clara-Schumann- Gymnasium und liegt in Kirchenstraße in München. Mein Stundenplan ist cool! Mathe und deutsch haben wir jeden Tag. Am Montag und am Donnerstag habe ich Biologie, Erdkunde und Spanisch, Erdkunde mag ich nicht, aber ich mag Deutsch und Sport. Mein Lieblingsfach ist Musik. Unsere Schule ist eine musikalische Schule. Wir haben dreimal in der Woche Musikunterricht. Ich spiele Klavier und bin im Schulchor. Unsere Musiklehrerin, Frau Weber, ist fantastisch! Sie ist meine Lieblingslehrerin. Am Samstag spiele ich Fußball auf dem Fußballplatz und Sonntag habe ich keine Schule. Was sind deine Lieblingsfächer?

Schreibe mir bald! Ich warte auf deine Antwort.

Viele Grüße,

Ojas

- Ojas Dhanorkar, Class 6

Unsere Schule

Schönen Tag! Ich bin Arushi und heute schreibe ich über unsere Schule, Delhi Public School, Bangalore East (IGCSE).



Unsere Schule ist großartig in Wissenschaft und Sport.

Es ist sehr groß und hat viele Studenten. Unsere Schule besteht aus 6 Gebäuden, 2 Sportplätzen und 2 Cafés.

Unsere Schule hat viele Auszeichnungen für Sportarten wie Schwimmen, Cricket, Badminton, Fußball und viele andere Sportarten gewonnen.

Es hat auch den Weltrekord für die Anzahl der Menschen, die sich gleichzeitig die Zähne putzen, gebrochen. Ich liebe meine Schule.

- Aarushi Ghode, Grade 6

Elternschaft in Deutschland

Entgegen den Vorurteilen sind die meisten deutschen Eltern, die ich getroffen habe, das Gegenteil von streng. Sie legen großen Wert auf Unabhängigkeit und Verantwortung. Berlin braucht keine "Freiland-Elternbewegung", denn Freilandhaltung ist die Norm.

Auch deutsche Kinder dürfen bei jedem Wetter draußen spielen. Wenn es kalt ist, bündeln Sie sie einfach in zusätzlichen Schichten. Zu heiß? Nimm eine Wasserflasche und finde etwas Schatten. Wie die Deutschen sagen: "Es gibt kein schlechtes Wetter, nur ungeeignete Kleidung."

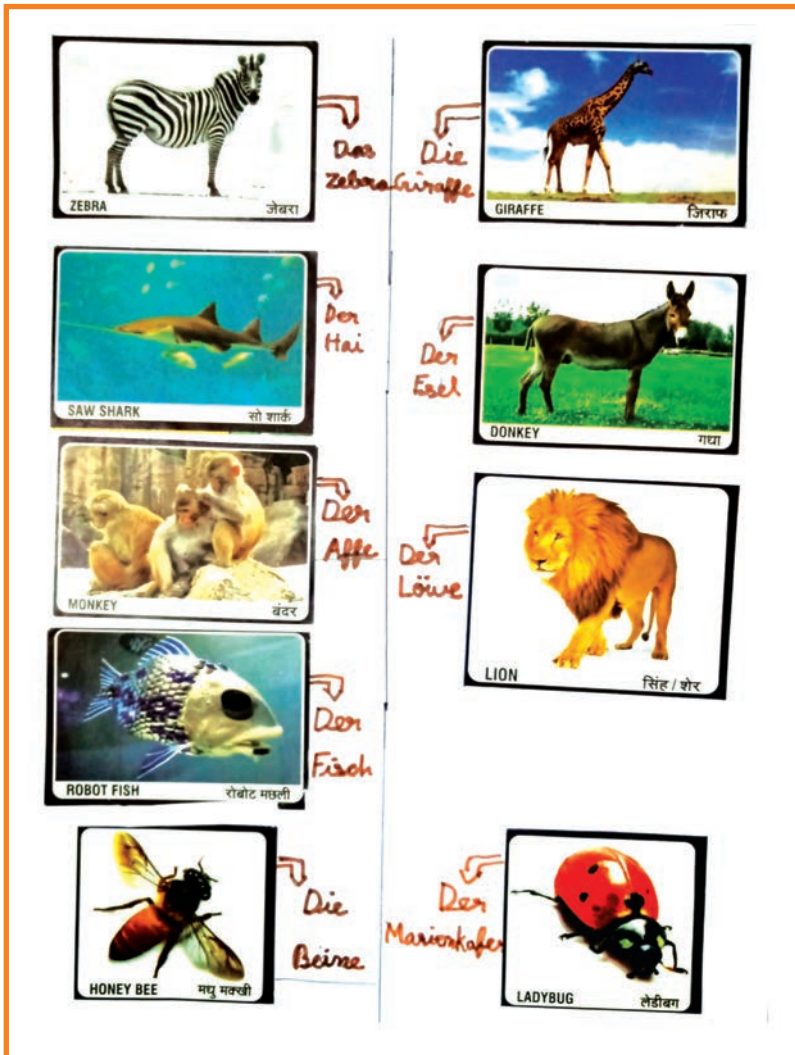
Außerdem schätzen deutsche Eltern die Unabhängigkeit, sagt Zaska. Die meisten erlauben ihren Grundschulern, allein von der Schule und in ihrer Nachbarschaft nach Hause zu gehen. Ihre einzige Sicherheitsbedenken sind Verkehr und keine Entführungen.

Schließlich feiern die Deutschen, wenn ein Kind in die erste Klasse geht. Tatsächlich ist es ein großer Meilenstein im Leben, wenn man das Erwachsenenalter erreicht und heiratet. Sie feiern den Anlass mit einer großen Party in der Schule, die normalerweise an einem Samstag stattfindet. Jeder Schüler erhält eine Zuckertüte oder einen riesigen Kegel, der mit Stiften, Uhren und Süßigkeiten gefüllt ist. Anschließend werden Familie und Freunde zu einer zweiten Party eingeladen. Das Fest, Einschulung genannt, "ist etwas, worauf sich Kinder seit Jahren freuen", schreibt Zaska. "Es signalisiert eine große Veränderung im Leben und hoffentlich eine Begeisterung für das Lernen."

- Oshna Dhanorkar und Riya Shivakumar, Klasse 9



- Saanvi Yelang, Grade 2



- Saanvi Yelang, Grade 2



- Saanvi Yelang, Grade 2



INSPIRED ROOTS



INSPIRED ROOTS



Grade I Assembly

Invention is the act of bringing ideas or objects together in a novel way to create something that did not exist. Grade I chose to honour the great Inventors who made our life easier by their great inventions in their assembly. The students enacted a skit depicting the life of one such inventor, Thomas Alva Edison, who invented the light bulb.



INSPIRED ROOTS



Grade 2 Assembly

Grandparents' Day

Grandparents' Day is celebrated to honour grandparents, to give them an opportunity to show love for their grandchildren. Students of grade 2nd celebrated 'Grandparents' day' to help other children become aware of the strength, information, and guidance older people can offer.

Doctor's Day

Doctors Day is celebrated to pay tribute to all the doctors who have made relentless efforts towards achieving this goal irrespective of the odds. Students of grade 2 paid tribute to all the doctors across the country acknowledging the commitment and dedication of the medical and healthcare fraternity of the society.



INSPIRED ROOTS



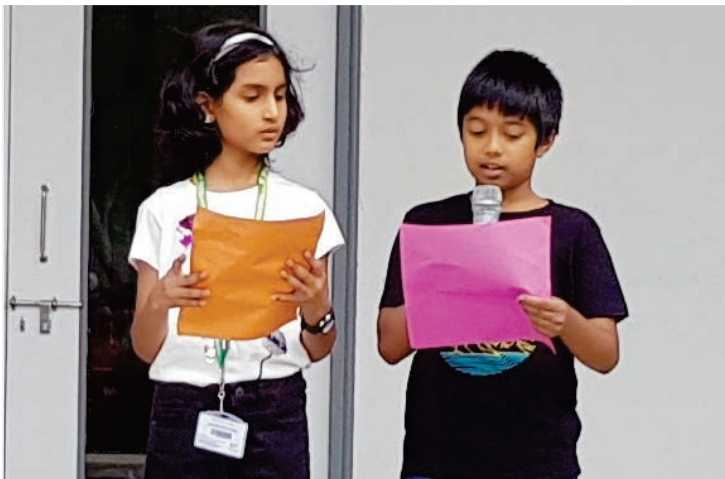
INSPIRED ROOTS



Grade 3 - Janmashtami

Students of Grade 3 narrated the story about the birth of Lord Krishna in their assembly, where they celebrated Janmashtami with the rest of the school. The girls of grade 3 danced gracefully to the song "Mukundha Mukundha".

INSPIRED ROOTS



Friendship Day

The students of Grade 4 participated in a special assembly on the occasion of International day of friendship. They presented melodious songs and played musical instruments.

INSPIRED ROOTS



Republic Day

Republic day is the day on which the constitution of India came into effect. The students of Grade 4 participated in a special assembly on the occasion of the 71st Republic Day. The assembly included an energetic dance performance and a memorable rendition of a patriotic song.

INSPIRED ROOTS



Grade 5 Assembly

Students of grade 5 organised an assembly on “National Junk Food Day”. Dedicated to the foods we like to snack on, this isn't your average cheat day. This day, you can eat junk food for every meal. In this assembly, students showcased their talents by presenting skit, news, amazing facts, song and ended with a lovely dance.

INSPIRED ROOTS



Makar Sankranti

Students of grade 5 organised an assembly on "Makar Sankranti". Makar Sankranti is a harvest festival, celebrated across different states in India with different names. In this assembly, students showcased their talents by representing different states, explaining its significance and ended with a festive dance.

INSPIRED ROOTS



Grade 6 assembly was on the theme of "Helping Hands". The students presented a skit on the theme. Christmas was also celebrated on the day. Students of grade 6 sang Christmas songs. The students were thrilled when they received sweets from Santa.



Grade 6 Assembly

Grade 6 presented an assembly on Environment day on 5th June 2019. The students enacted a poem based on the environment and sang songs urging the audience to save the environment.



INSPIRED ROOTS



"Kindness is the language which the deaf can hear and the blind can see!"

Students of grade 7 presented an assembly on 'World Kindness Day' in the month of November. The students enacted a play on a true story "Join Me" about Danny Wallace, who started a cult by accident. They stroked the chord for a cheerful song on the theme.



Grade 7 Assembly

Children of grade 7 presented an assembly on 'World Day against Child Labour.' The World Day Against Child Labour is observed to raise awareness of the plight of child labourers world - wide. The students were able to create an awareness in the young minds of our school by demonstrating the slides on the theme. The choir of grade 7 sang a mesmerizing song pertaining to the theme.



INSPIRED ROOTS



Grade 8 Assembly

Students of grade 8 put up an assembly based on the theme outdoor games vs. video games through which they created an awareness among their fellow students about the advantages of outdoor games and the adverse effects of video games through a mesmerizing skit.



Human Rights Day

Children of grade 8 performed a skit about the significance of human rights in human life in remembrance of the Universal Declaration of Human Rights.

Grade 9 Assembly

Doctors' Day

The students of grade 9 presented a skit depicting the importance of doctors in the society.



INSPIRED ROOTS



INSPIRED ROOTS

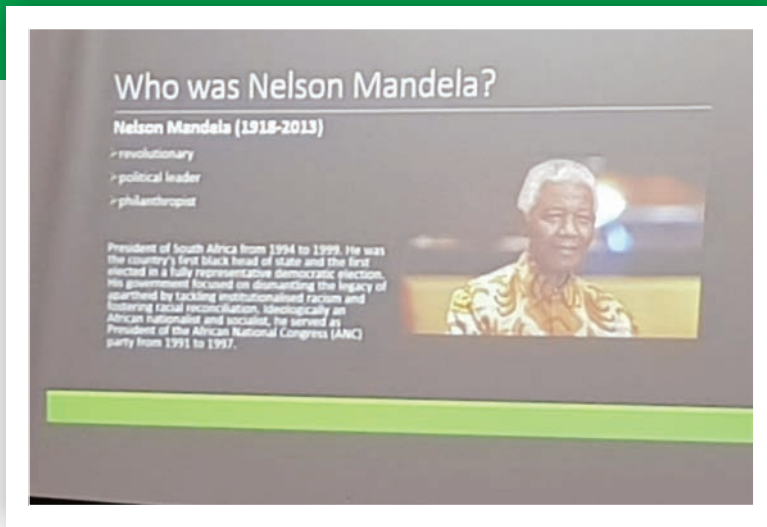


World Science Day

The students of the grade 9 celebrated world science day by demonstrating scientific experiments related to science in everyday life. That was followed by a science quiz where the students of all grades participated with full enthusiasm.

INSPIRED ROOTS





Assembly by AS Level

Topic : Nelson Mandela International Day 2019

Students of AS level organised an assembly on Nelson Mandela, in memory of the President of South Africa from 1994 to 1999. In the assembly, students discussed the achievements of Nelson Mandela, the aims of Nelson Mandela Foundation, which emphasised on peace and the consequences of war, and involvement of youth in peace.

Topic : World Food Day 2019

Students of AS level organised an assembly based on World Food Day. World Food Day is a day of action dedicated to tackling global hunger. The focus of the day is that food is a basic and fundamental human right. They enacted a drama showing the struggle of a farmer for managing funds for buying fertiliser. Farmers mortgage their belongings for funds; we spend the money to buy the food but we don't think even for a moment before wasting it.





GIFT FROM THE SEA

[Signature]

Grade 1: Who is my favourite super hero and why?

My super heroes are Mom, Dad and Brother because Mom gives me everything and is very good, Dad never scolds me and Brother helps me in playing game.



Preetika



My Mother is my super hero because she protects me from all the dangers and help me to learn new things like our superheroes.



Suhana



My superhero is Iron man because he cannot be defeated easily.



Vihaan



My superhero is superman. He is super strong with laser eye and flies fast to save people.



Arjun



I like two super heroes, Spider man and Wonder Woman, because they have special powers and they can help the needy in couple of minutes.



Loukya



I like Spiderman because he can swing and fly and help others.



Aaradhya



I love Iron man. He is very strong. I believe he can throw corona virus out of this world.



Gurbani



My papa is my superhero. He teaches everything and makes me happy always.



Rida



Grade 1 : Who is your favourite super hero and why?

My super hero is my dad
as he helps me always.



Saachi



My elder sister and Dad
are my heroes. They
play with me and
make me happy.



Samridhi



My parents and sister
are my superheroes as
they save me from all
danger, tells me what's
good and what's bad
and take care of me at
all time.



Richa



My favourite superhero
is Batman because he
has many cool
gadgets.



Farzaan



My super hero is Little
Singam as he does
many good things.



Durga



My favourite super hero
is Captain Marvel
because she can travel
the whole universe. But
she is not the real hero;
doctors are the real
super heroes because
they help us fight
Coronavirus.



Alexandra



AARYA
KHANNA



ABHIRAJ
SRIVASTAVA



RINKI '18

Rinki Prayagi

“Personal development is a journey, not a destination.”

“Dream big, develop yourself, unleash your potential, play well with others, play to your strengths, enjoy the process, share your unique gifts with the world, and grow your greatness by testing yourself, expanding yourself, learning and improving”.

“The Duke of Edinburgh Award - the International Award for Young People”

The Award Programme was first introduced in the United Kingdom in 1956 as the Duke of Edinburgh’s Award. The aim was to motivate young people aged between 14 and 25 years to become involved in a balanced programme of voluntary self-development activities to take them through the potentially difficult period between adolescence and adulthood.

The basic structure of the Award consists of 4 mandatory sections Voluntary Service, Adventurous Journey, Skills and Physical Recreation. There are 3 levels of the Award - Bronze, Silver & Gold. Participants must complete the four mandatory sections of Voluntary Service, Adventurous Journey, Skill & Physical Recreation.

This Award Programme is not just another youth organization, there is no uniform, no stirring anthem. And no, it is not going to strain the child’s already stretched time schedule! It is simply a satisfying use of leisure time to acquire new skills, experience adventure and make new friends, young and oldy. The Programme is non - competitive and anyone with perseverance and enterprise, can earn an Award. Young people choose activities that are appropriate to their environment and best suited to their own personal interests and talents.

The Award Programme addressed unplanned leisure time, (so easily misdirected), to be used in exciting ways. It addressed holistic development and growth.

The Award is a life changing experience that enables students to:

- Gain recognition for extra/co-curricular activities
- Improve their personal development by learning new skills such as time management, team work and problem solving
- Build their confidence by trying something new
- Make a positive impact on their community through volunteering

- Undertake activities that support applications for college, university or employment



We at DPS, International aims to develop confident, responsible, reflective, innovative and engaged learners and create opportunities for young people to develop skills, get physically active, give service to





their local community and experience adventure through this Award. 9 of our students from Grades 8 & 9 have enrolled themselves for this program. They have wonderful experience and gained much benefit



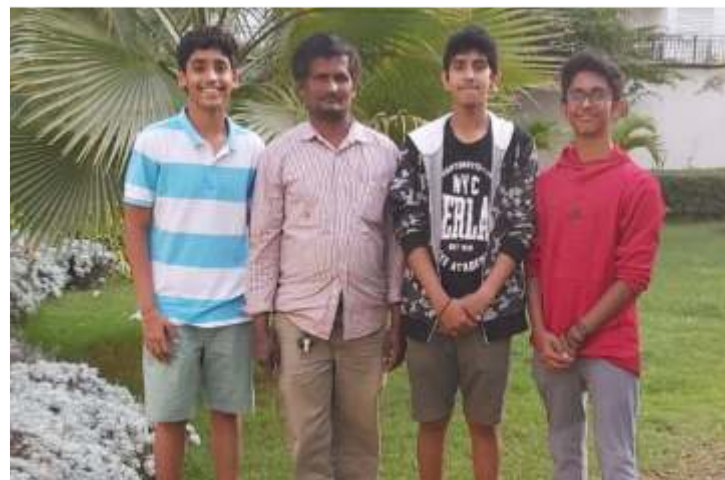
out if it. It helped in over all development of personality of the participants, feeling of belongingness for society and urges to do something for betterment of the society.

- Manneet Kaur, Award Leader

Student' Experience

While perusing for IAYP Bronze award, I learnt to be responsible and disciplined. Over the last few weeks I have learnt how to manage the time.

- Aditya Manoj Ghode, Grade 9





IAYP has been with no doubts a wonderful experience; it has given me the opportunity to meet new people, new experience and learnt new



things. IAYP has given me a better understanding of the people around me and its keeping me fit. I would recommend it to others as well.

- Daniel Zachariah, Grade 9

It helped me meeting new people. Gave me a whole new experience and also let me know about how people struggle and how we can and

should help them. It also helped in mine overall development.

- Rithesh, Grade 9



I believe that IAYP is a great way to broaden your horizons and introduce you to activities that you otherwise wouldn't do on a daily basis. It helps make sure that free time is used productively and creatively. During this experience, I have met new people, and learnt a great deal from them. I love the value that it has brought to my life and in turn to the society.

- TrishaMarie Pereira, Grade 9

IAYP has helped me track my progress and give me a way to stay consistent towards the skills I take up. It has helped me work towards the betterment of the environment as well.

- Oshna, Grade 9

IAYP is not just an award, it had showed me how our environment can be clean and green with just a little bit of help. With the help of this award I am able to dance more professionally and have fun with sports too.

- Fidaan Shaik, Grade 8

IAYP has made me disciplined and more caring towards the environment. I started picking up garbage from roads. I am so happy helping the society for a better future.

- Kushagra Shanker, Grade 8

IAYP has helped me to participate in more physical activities like dance and basketball. Helping my community by gardening also made me more confident and responsible towards the environment.

- LikhithaThokala, Grade 8

IAYP has made me much more independent and confident. By doing the activities, I feel like I have given back to the society by helping them and it makes me feel very good. IAYP has developed many qualities in me and I am happy to have enrolled for the program.

- Sahil Paul, Grade 8



COSMO CLAN



Dance and Music is an integral part of DPS International. Students presented various dance and music programs and enthralled the audience on occasions such as Investiture Ceremony, Blessing Ceremony, Teacher's Day, Athlos, Culminare to name a few. These art forms are also an important part of our special assemblies as well as class assemblies.

COSMO CLAN



COSMO CLAN



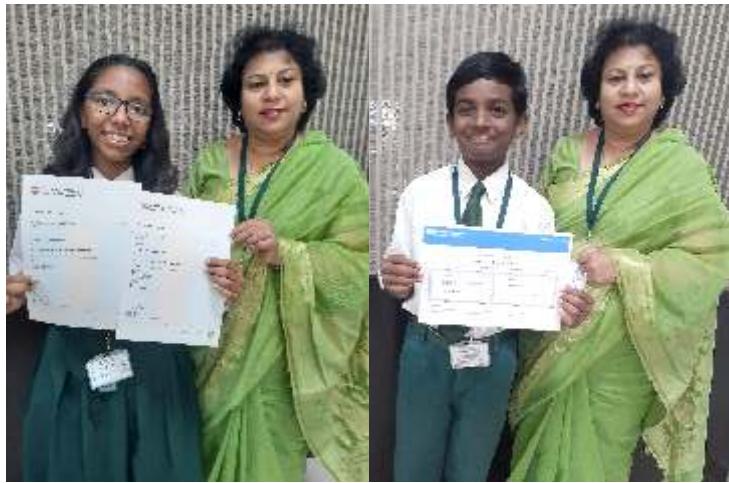
COSMO CLAN



COSMO CLAN







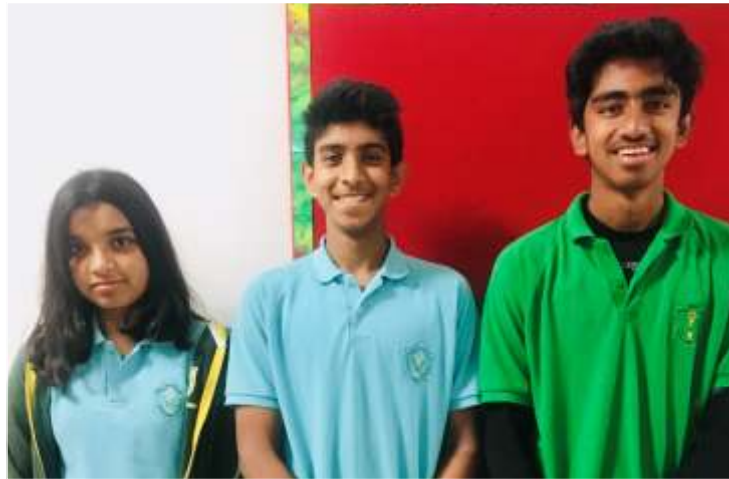
Primary Checkpoint results are

Shriya Karunakaram received Certificates of Merit for ICT starters and Mathematics (Strand result 6)

Nikhil Kumaran received Certificate of Merit for Mathematics (Strand result 6) and Science (Strand result 6)







Photography Competition

Kushagra Shanker, Aditya Manoj Ghode, Fidaan Shaik



Debate Competition

Abhinav Sivraman, Nikhil Kumaran

Handwriting Competition

Kabir Kuntal, Chiara Sai Pavan, Richa Bhatia,
Arjun Venkata Krishnan, Aarushi K Iyer, Grace Chawala



Poetry Competition

Darsh Chawala, Dhriti Samit Vohra, Tanisha Vaduka





Sharing S Aradhya S is the winner of Tiger - My friend Program.



A team of Nikhil Senthil Kumaran of grade 6, Zidaan Mohammad of grade 8 and Tara Dhondiyal of grade 9, participated in Science Bowl interschool contest, held at Stonehill International School and bagged to first position in it.





Muskan Shiva Kumar of Std. 7 IGCSE on winning the bronze medal in the State Shooting Championship.



T. Hari Chaitanya, from 7 A on winning the U-12 One Dream Cup - Badminton Championship & standing as a runner up in the U - 14.



Alexandra, Grade 1 has participated in the India Wins Freedom Painting Competition. Her painting will be exhibited at Venkatappa Art Gallery for 3 days.



Grade 2 : What do you aspire to become and why?

'I want to be a scientist and invent new things.'



Sai Sankalp
Peesapati

'I want to become a racing car driver because I love car racing.'



Siddhaarth
Aravinthan

'I aspire to become a doctor because I want to help people and make them feel good.'



Aarushi
K. Iyer

'I want to become a doctor and treat patients and my family members.'



Aryan
Yada

'I want to become a doctor because I like to help people and cure them when they are ill.'



Chiara Sai
Pavan

Grade 2 : What do you aspire to become and why?

'I aspire to become a doctor. The doctor is a lifesaver and helps people who need them when they are sick.'



Devaansh
Pratap
Acharya

'I aspire to be an astronaut like Neil Armstrong and go for space missions.'



Kabir Kuntal

'I aspire to become an engineer because I love to experiment with the electronic devices and circuits.'



Mitansh
Kalita

'I aspire to become a chef because I love to cook.'



Rushabh
Suresh

'I want to be a teacher because teachers know most of the things and I want to help children learn.'



Saanvi
Telang







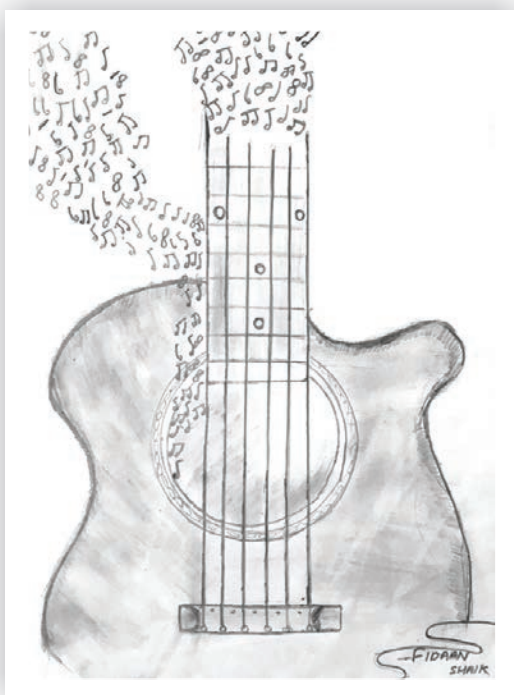
- Aanya K, Grade 8



- Anya, Grade 8



- Anya, Grade 8



- Fidaan Sheik, Grade 8



- Aditya Singhal, Grade 5



- Aditya Verma, Grade 5



- Anvita, AS Level



- Anvita, AS Level

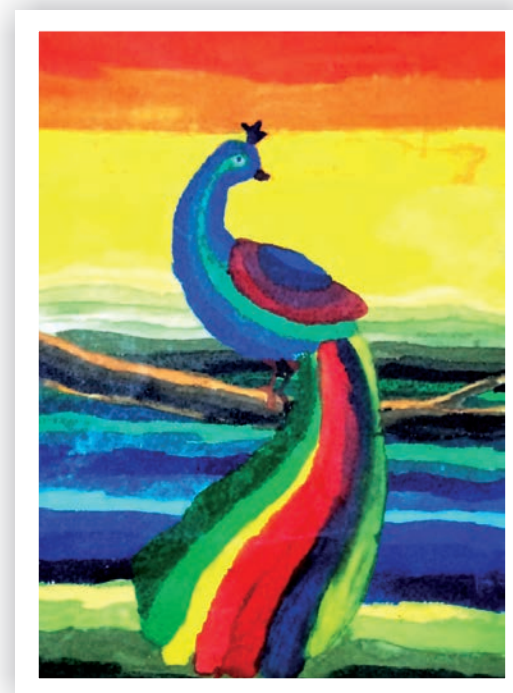
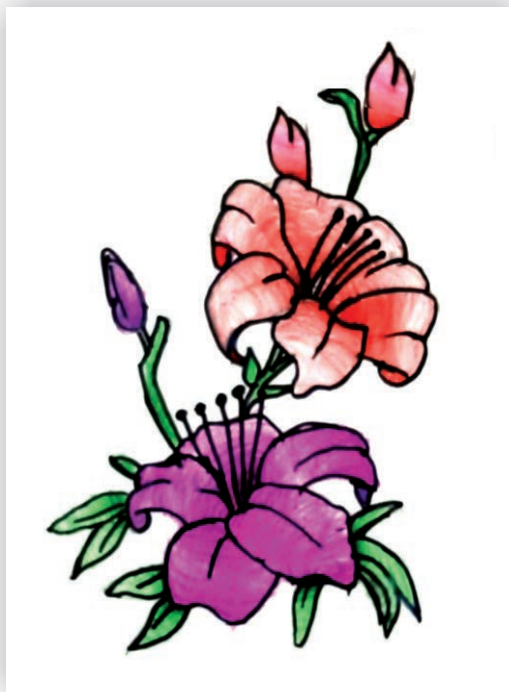
Title: Helpyma, the helpful ladybird



By Tulika .A .Std. IV

Helpyma, the motherly ladybird is helping her husband, who is the boss of the fire station, to put out a fire with sand.

- Tulika .A, Grade 4





- Anvita Kulur, AS Level



- Anvita Kulur, AS Level



- Cherishma, UKG



- David, Grade 5



- Ipshita, AS level



- Kavinaya, AS Level



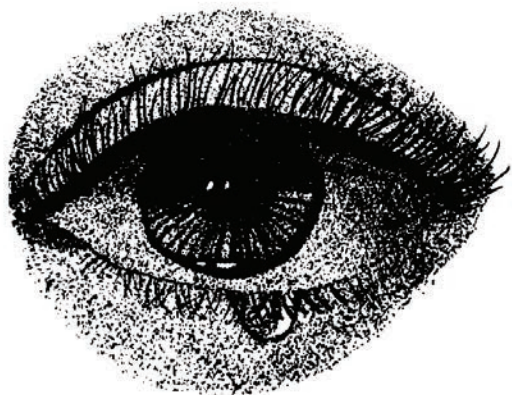
- Moulima, AS level



- Moulima, AS level

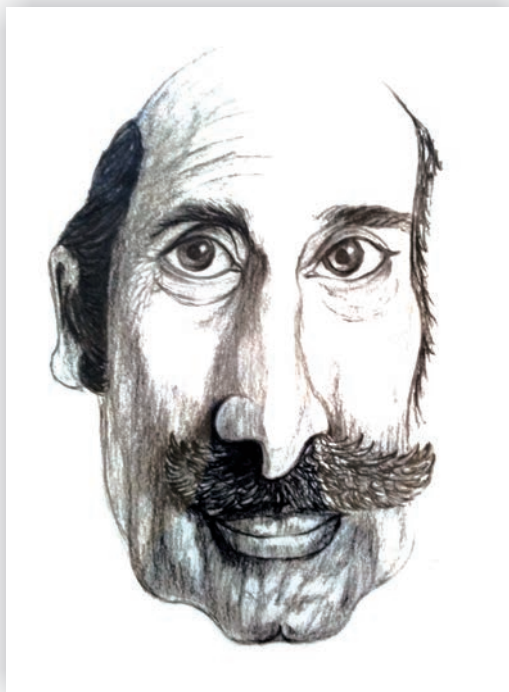


- David, Grade 5





- Moulima, AS level



- Moulima, AS level



- Moulima, AS level



- Moulima, AS level



- Kavinaya, AS Level



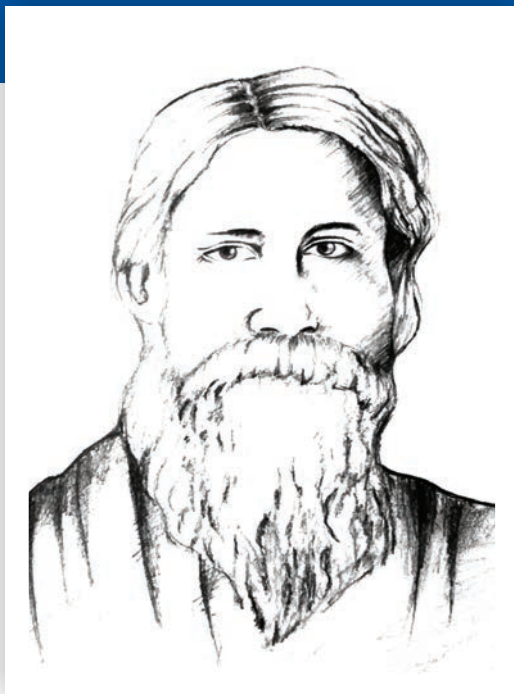
- Muskaan, Grade 7



- Muskaan, Grade 7



- Muskaan, Grade 7



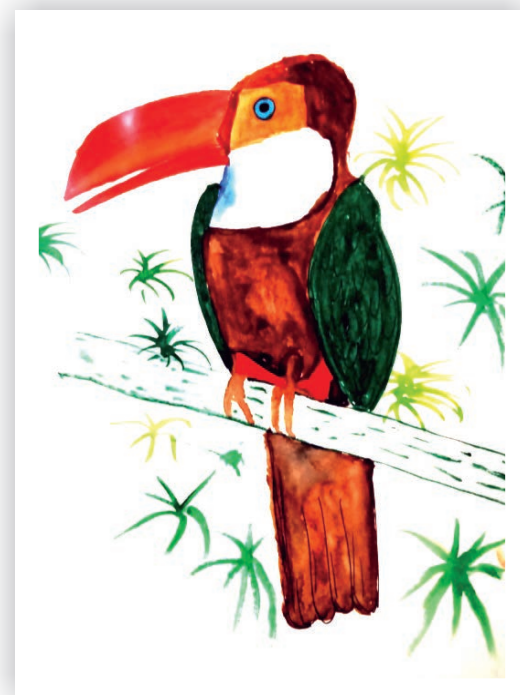
- Moulima, AS Level



- Muskaan, Grade 7



- Muskaan, Grade 7



- Muskaan, Grade 7



- Muskaan, Grade 7



- Nikhil .S, Grade 6



- Nikhil .S, Grade 6



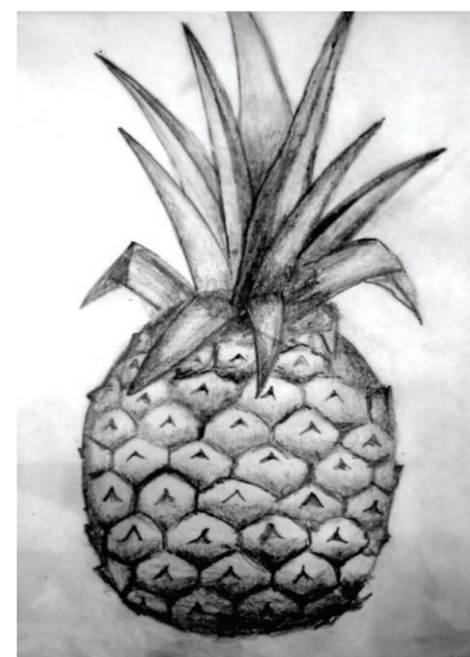
- Soumya, Grade 10



- Muskaan, Grade 7



- Muskaan, Grade 7



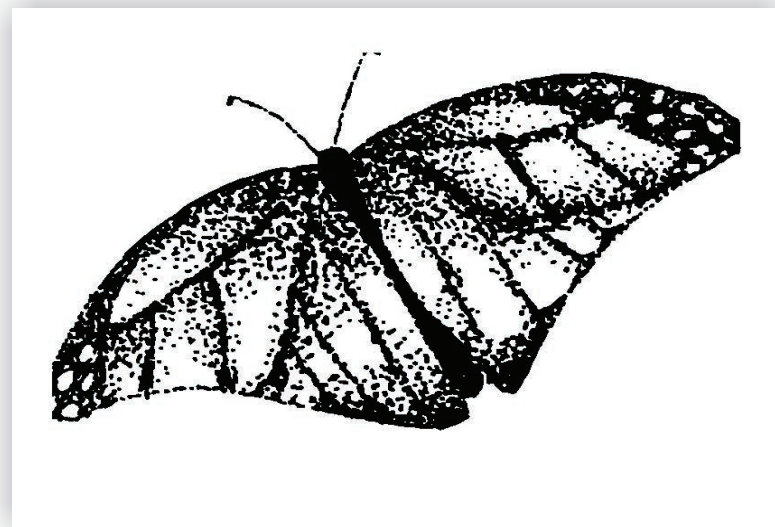
- Muskaan, Grade 7



- Muskaan, Grade 7



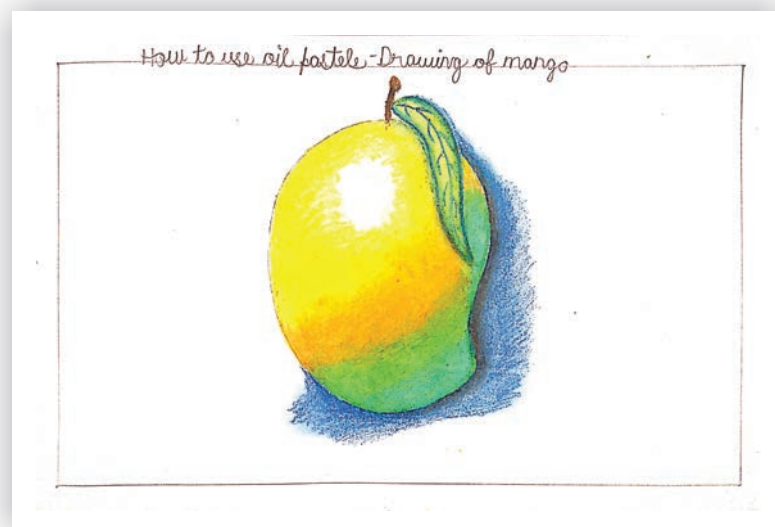
- Soumya, Grade 10



- Soumya, Grade 10



- Sushmita, Grade 7



- Aayush Nair, Grade 3



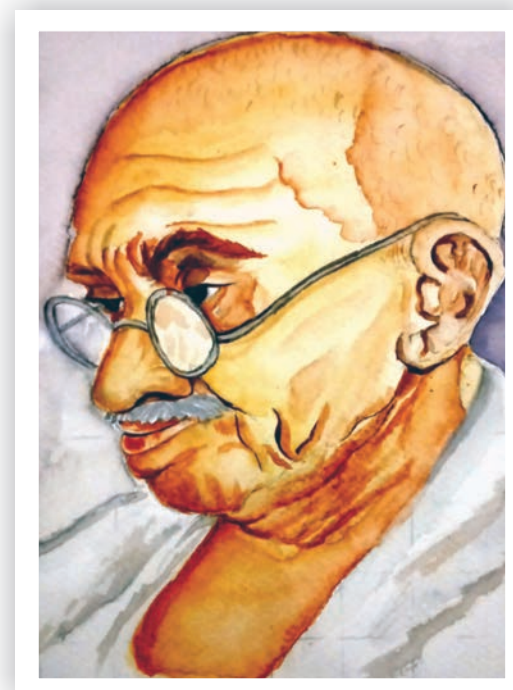
- Muskaan, Grade 7



- Nikhil .S, Grade 6



- Tulika .A, Grade 4



- Nikhil .S, Grade 6



- Soumya, Grade 10



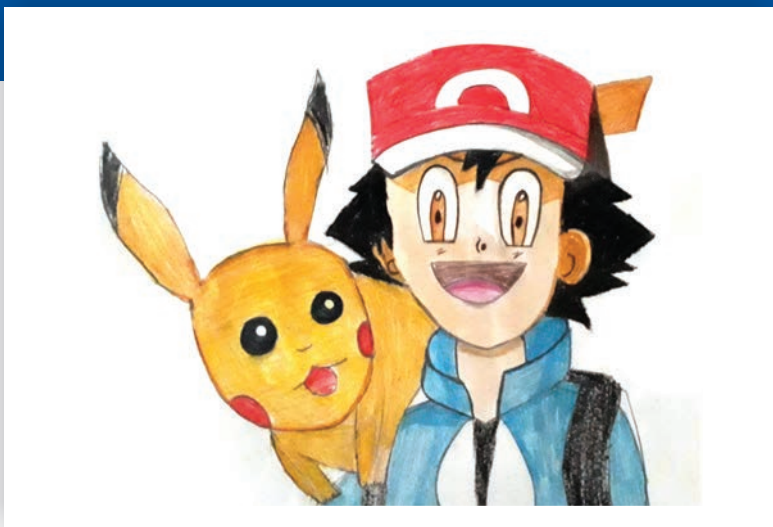
- Soumya, Grade 10



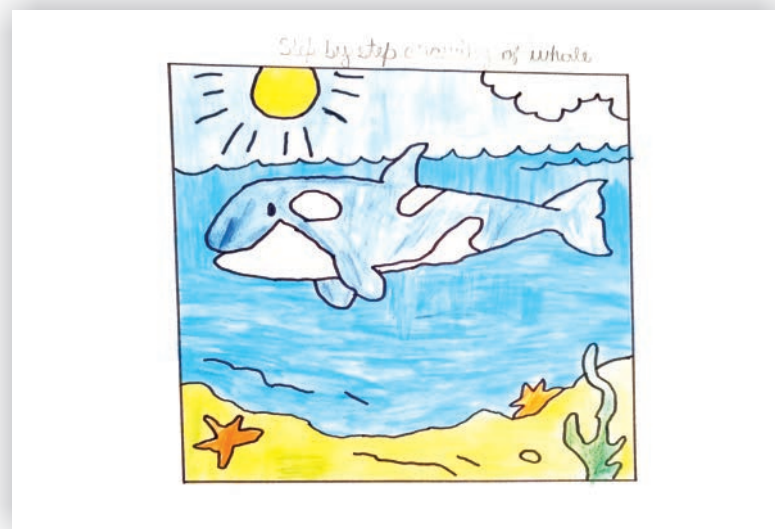
- Nikhil, Grade 7



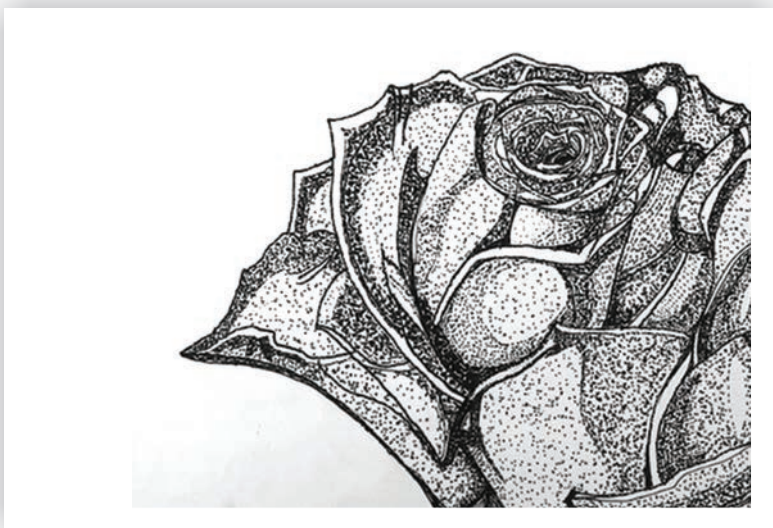
- Devansh, Grade 6



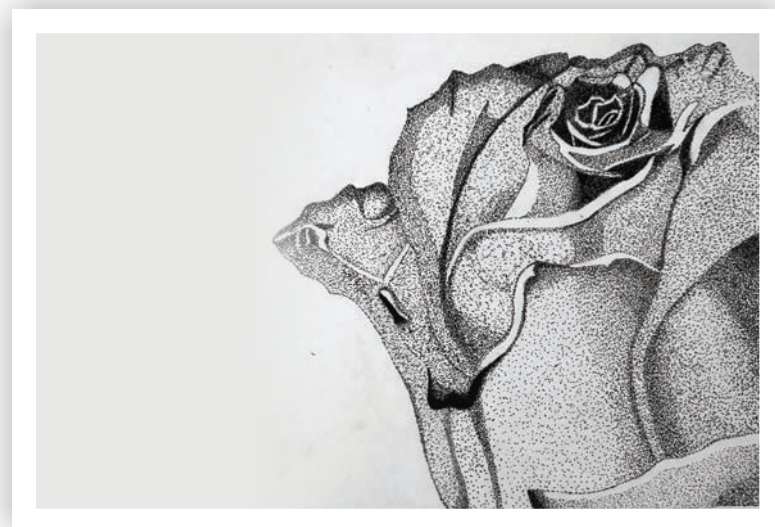
- Aadik, Grade 4



- Aayush, Grade 3



- Aditya Singal



- Aditya Verma



- Amulya Pandey, Grade 2



- Aadik, Grade 4

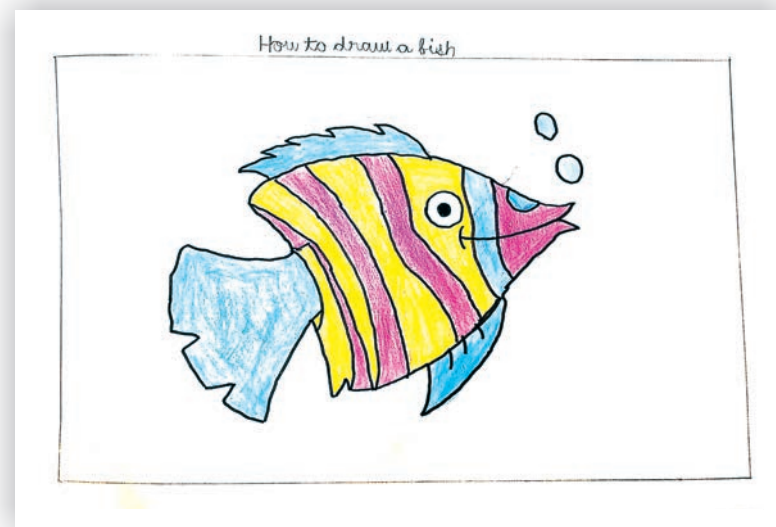


- Jannah





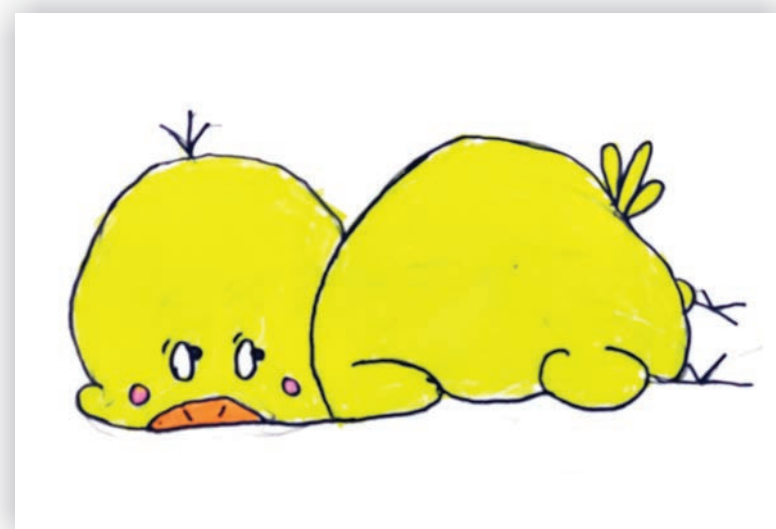
- Dhanya, Grade 4



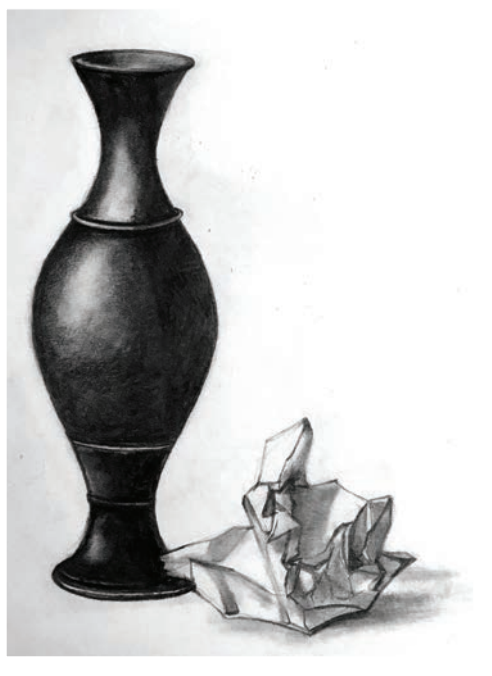
- Ayush, Grade 3



- Aayush Nair



- Chiara, Grade 3



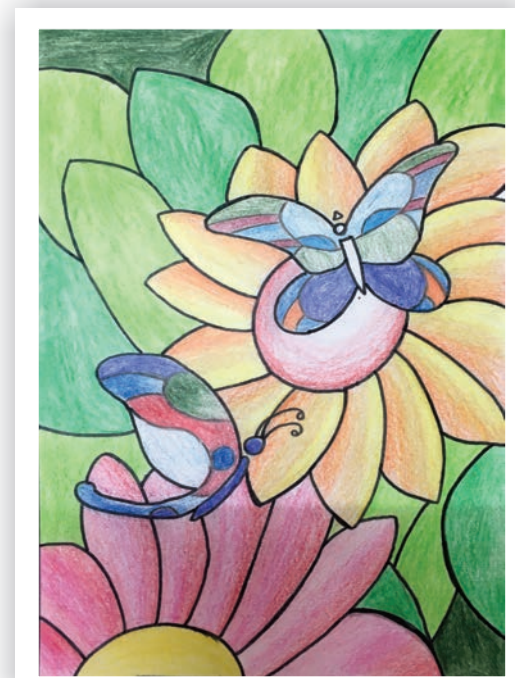
- Sharon Gupta



- Shriya, Grade 1



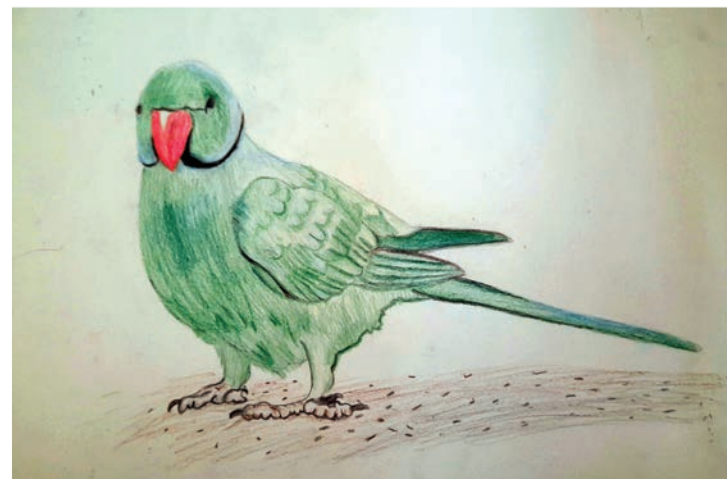
- Simran, Grade 8



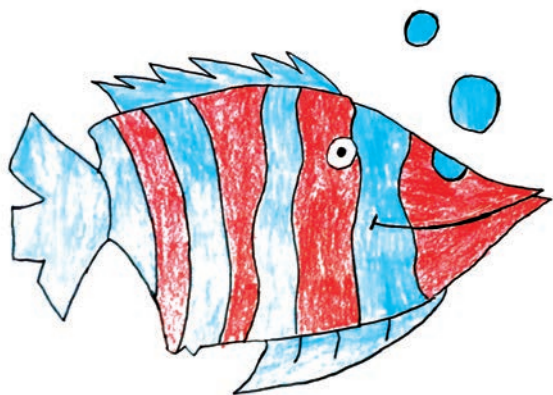
- Shriya, Grade 7



- Kesshav, Grade 4



- Jannah



- Karthik, Grade 5



- Samarth, Grade 6



- Sushmitaa, Grade 8



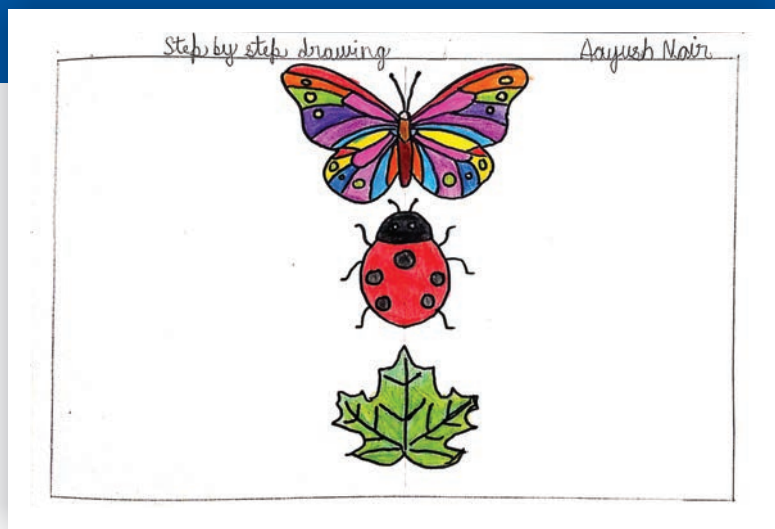
- Jannah



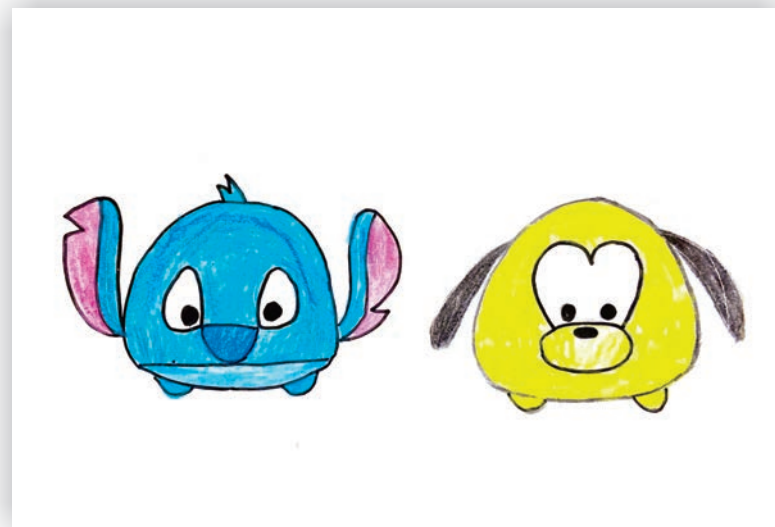
- Simran, Grade 8



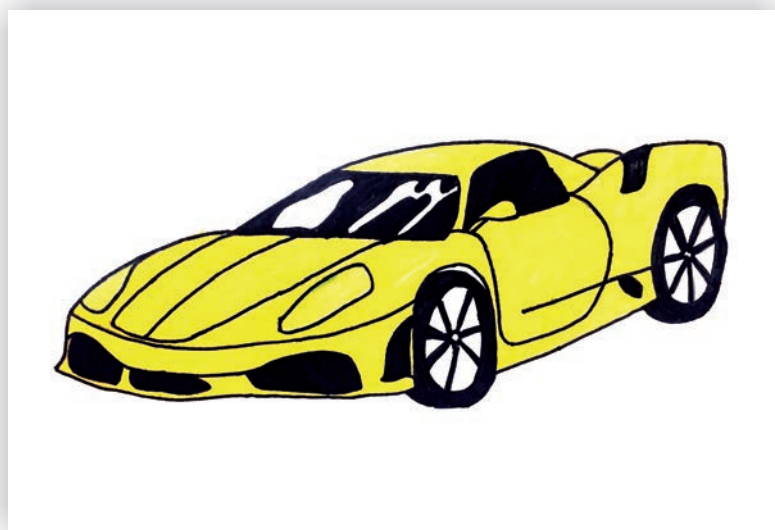
- Preetika



- Aayush Nair



- Reyansh, Grade 1



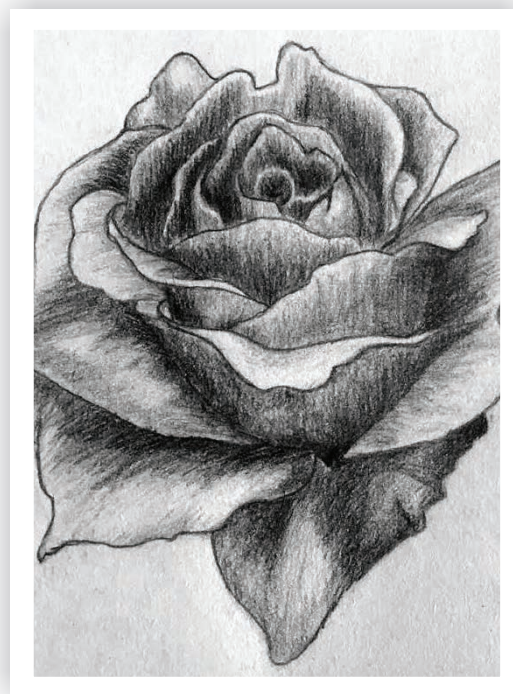
- Shriya, Grade 7



- David, Grade 5



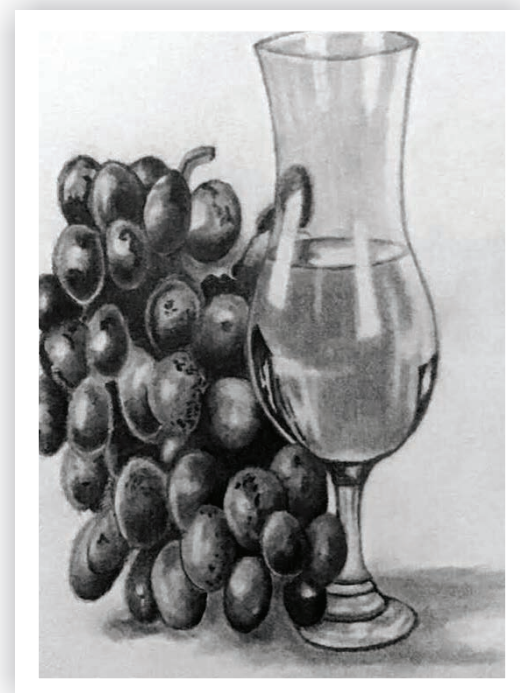
- Simran, Grade 8



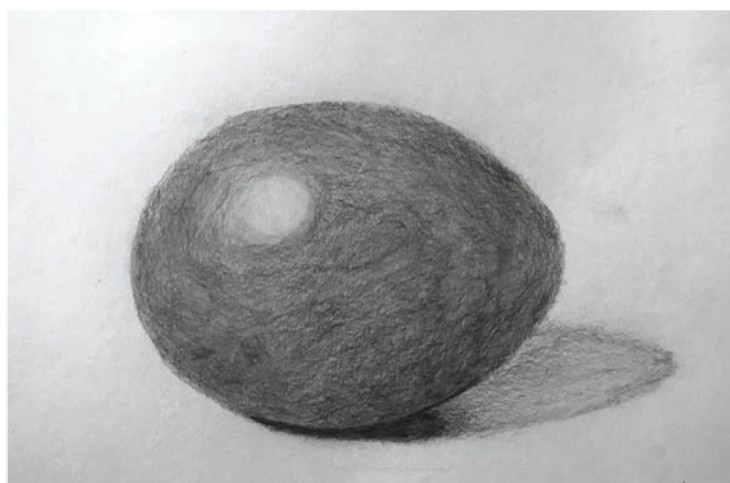
- Miamnsa, Grade 9



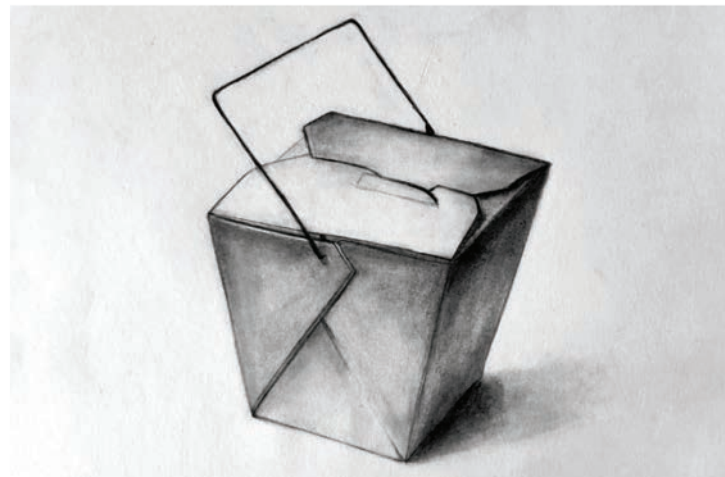
- Miamnsa, Grade 9



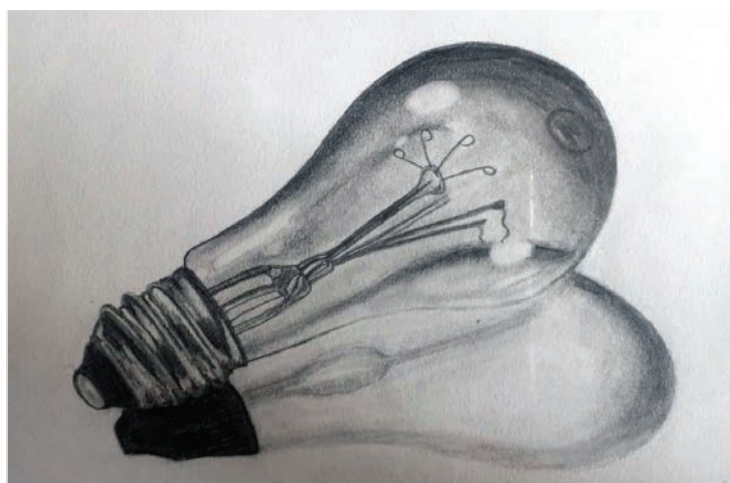
- Miamnsa, Grade 9



- Shashank, Grade 5



- Simran, Grade 8



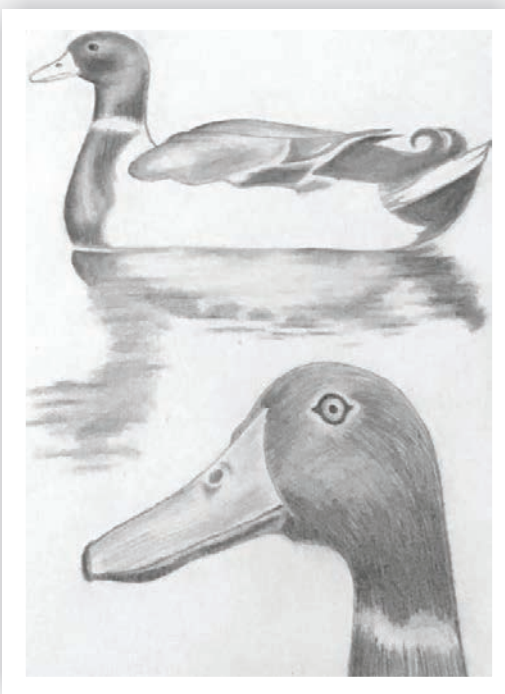
- Miamnsa, Grade 9



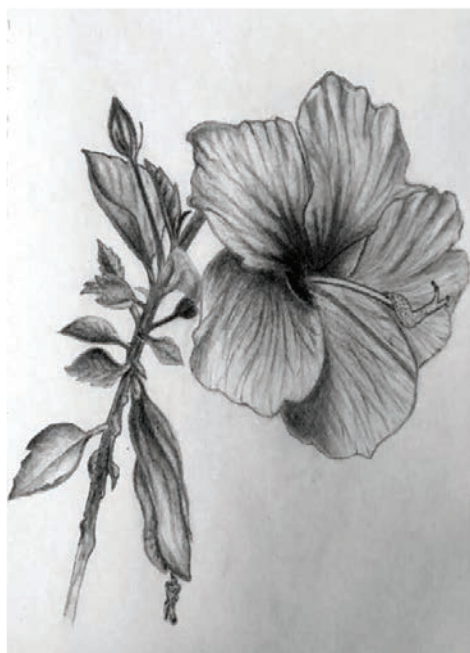
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- Miamnsa, Grade 9



- Miamnsa, Grade 9



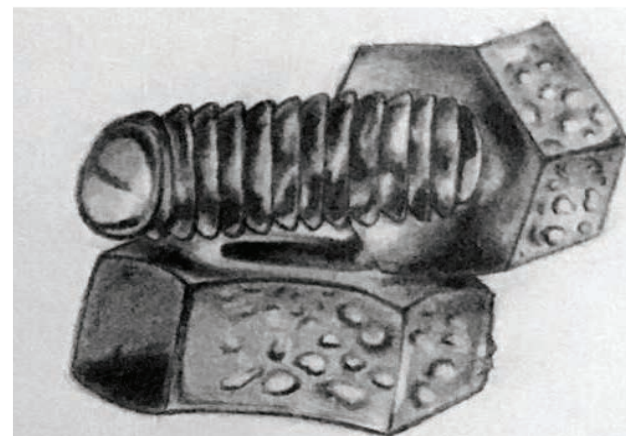
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- Miamnsa, Grade 9



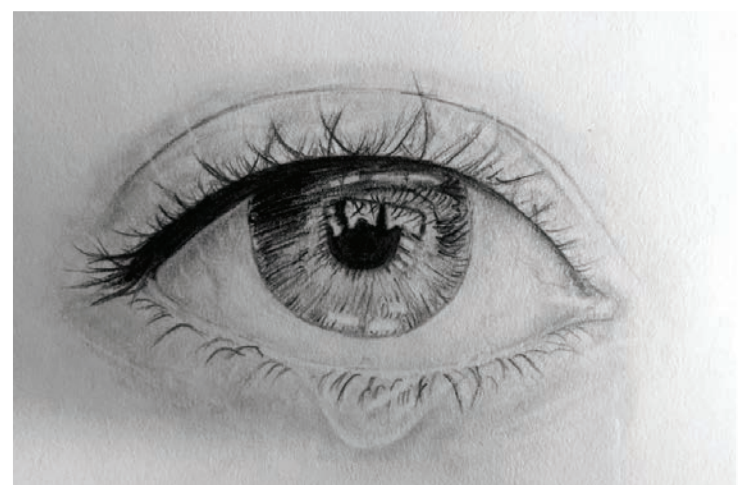
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- Miamnsa, Grade 9



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- Miamnsa, Grade 9



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- Miamnsa, Grade 9



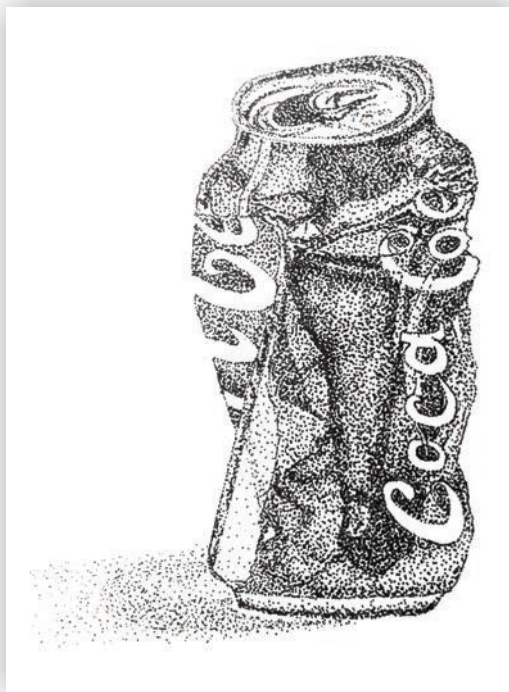
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- Miamnsa, Grade 9



- Miamnsa, Grade 9



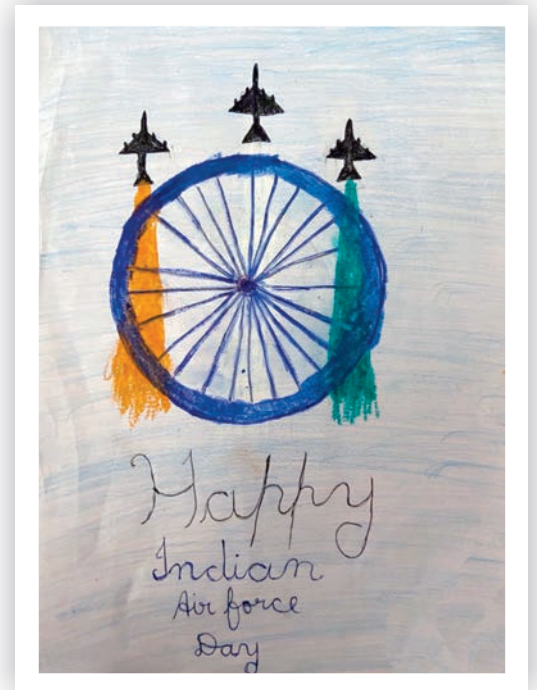
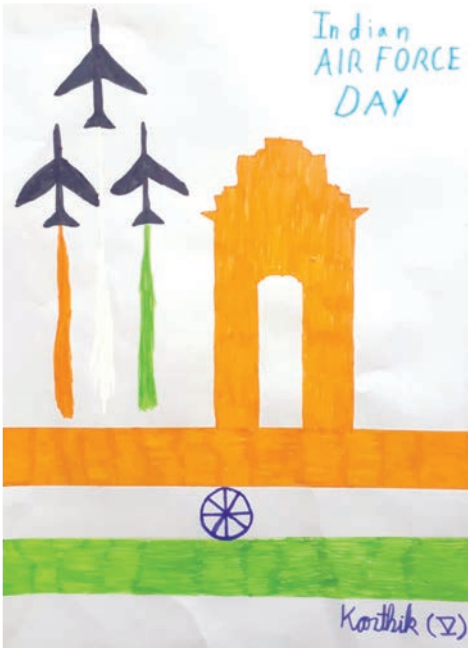
CELEBRATIONS GALORE



- Moulima, AS Level

CELEBRATIONS GALORE

AIR FORCE DAY



CELEBRATIONS GALORE

AIR FORCE DAY



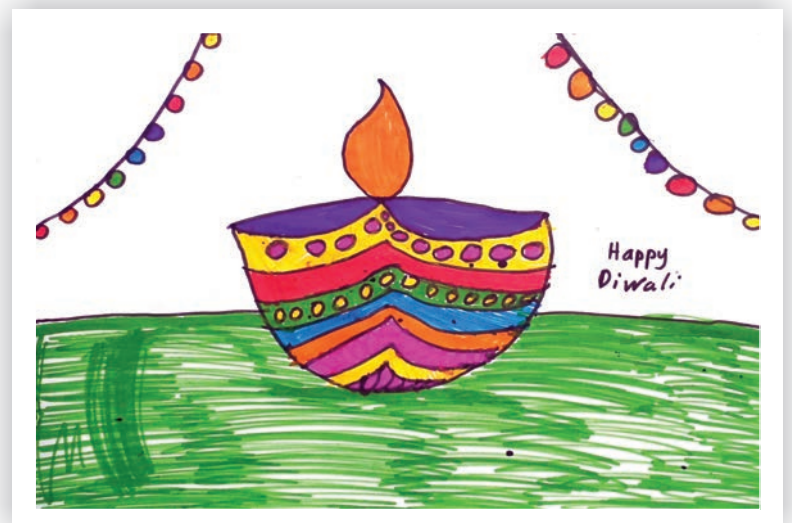
CELEBRATIONS GALORE

DIWALI

Diwali wishes for you and your family
Happy Diwali!

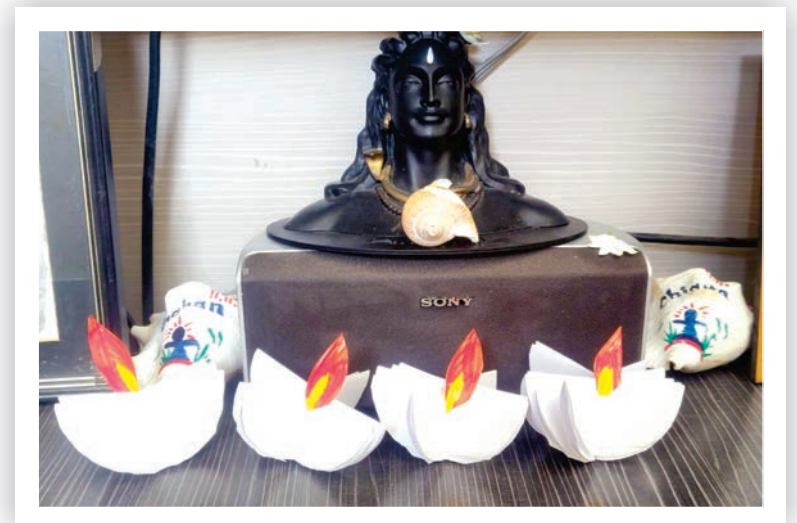


Happy Diwali to all!



CELEBRATIONS GALORE

DIWALI



CELEBRATIONS GALORE

DIWALI

Diwali wishes for you and your family
Happy Diwali!



Happy Diwali to all!



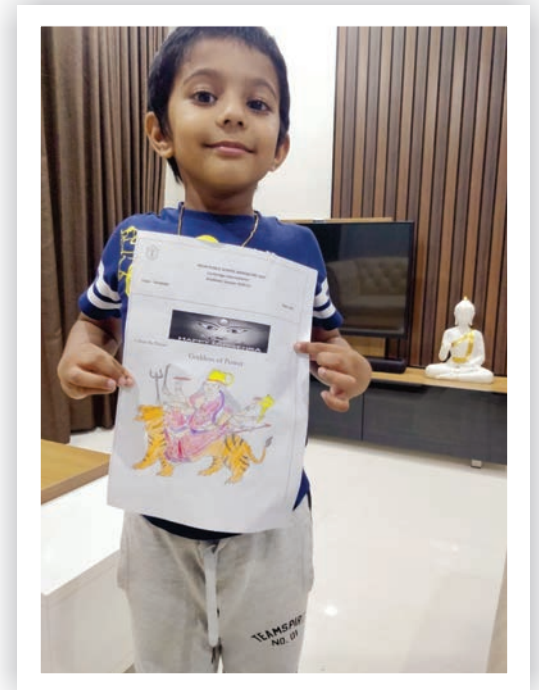
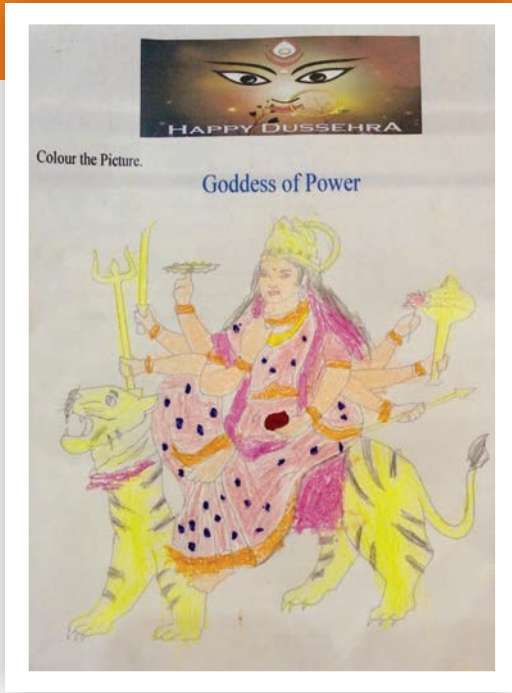
HAPPY

DIWALI



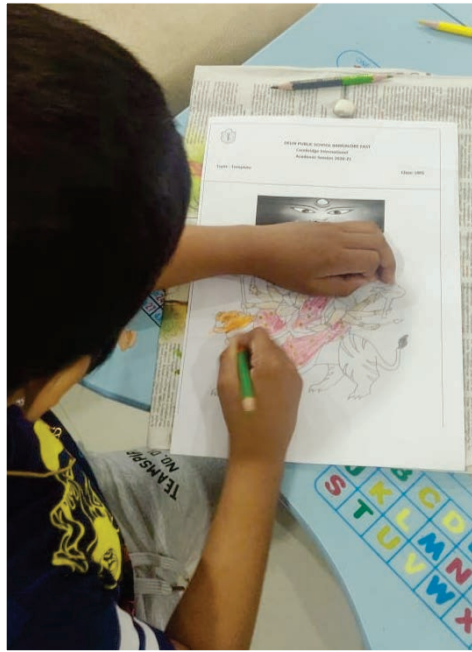
CELEBRATIONS GALORE

DUSSEHRA



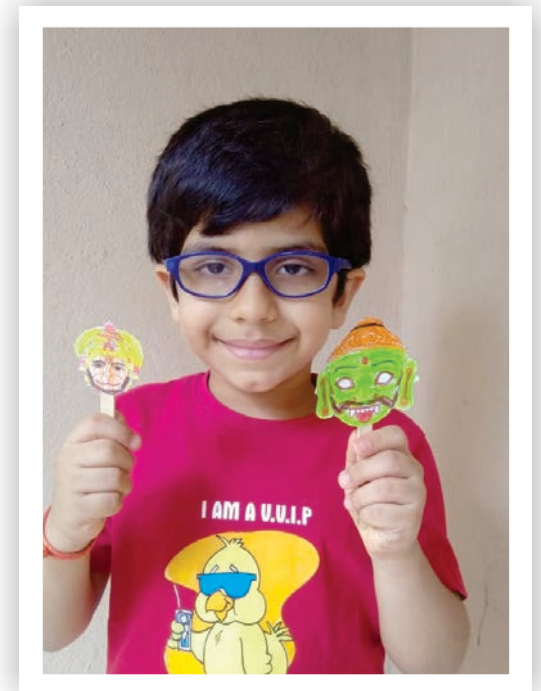
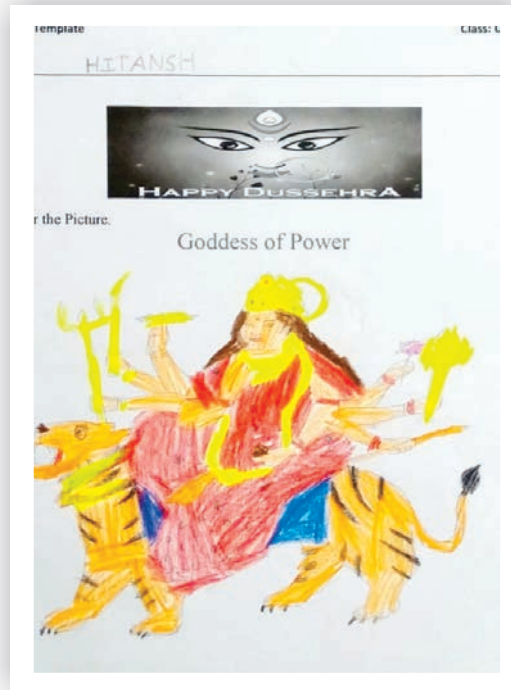
CELEBRATIONS GALORE

DUSSEHRA



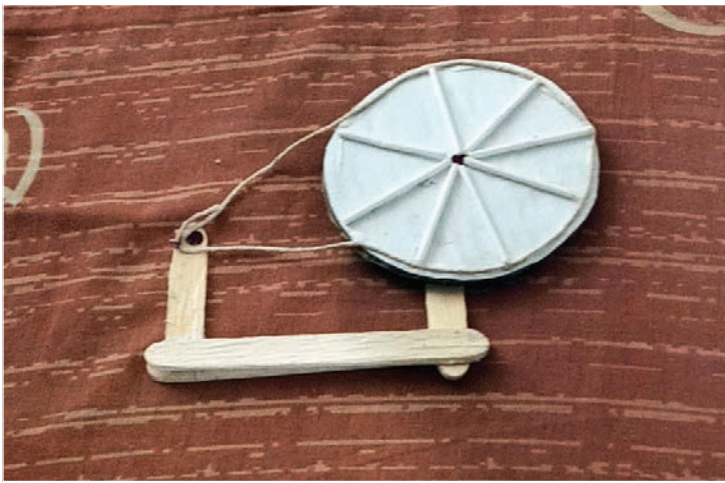
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DUSSEHRA

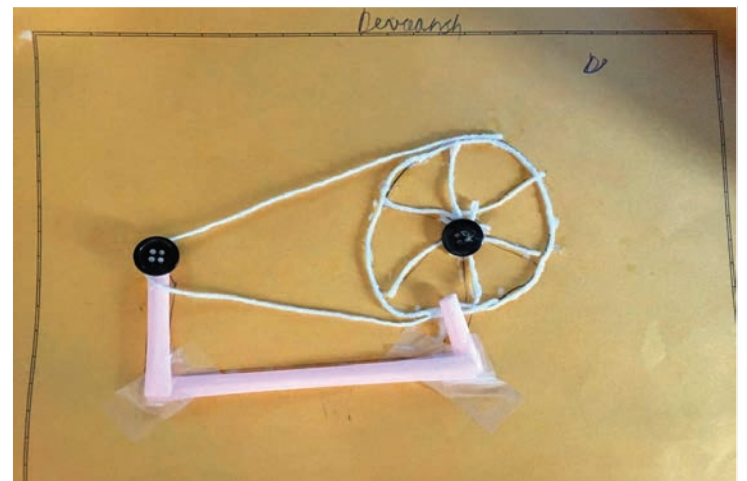


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GANDHI JAYANTI

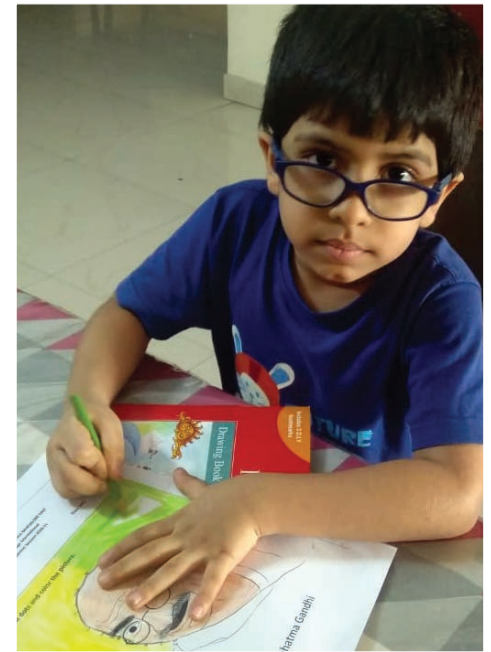
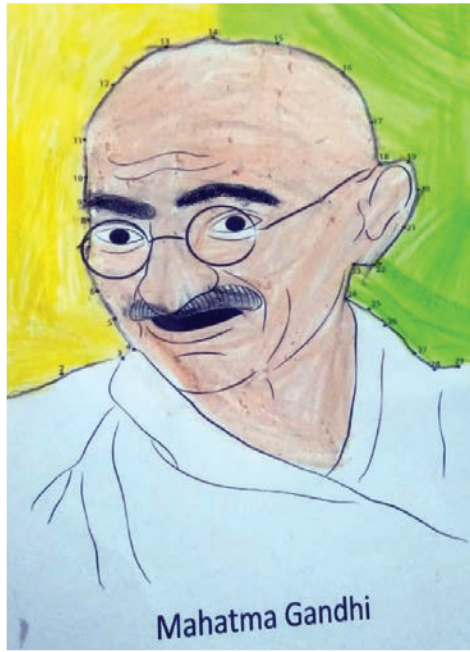


Happy gandi birthday
Kabir



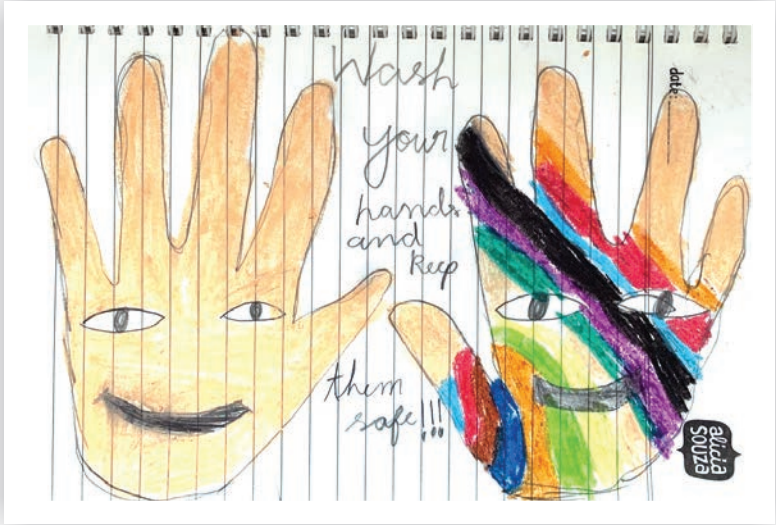
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GANDHI JAYANTI



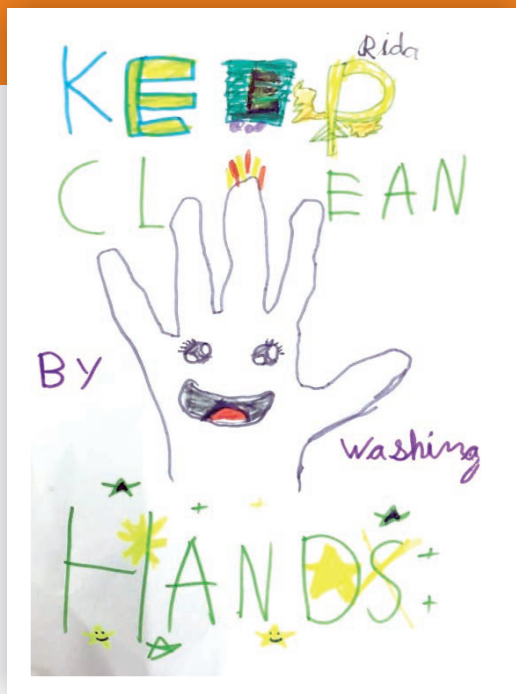
CELEBRATIONS GALORE

GLOBAL HANDWASH DAY 20-21



CELEBRATIONS GALORE

GLOBAL HANDWASH DAY 20-21



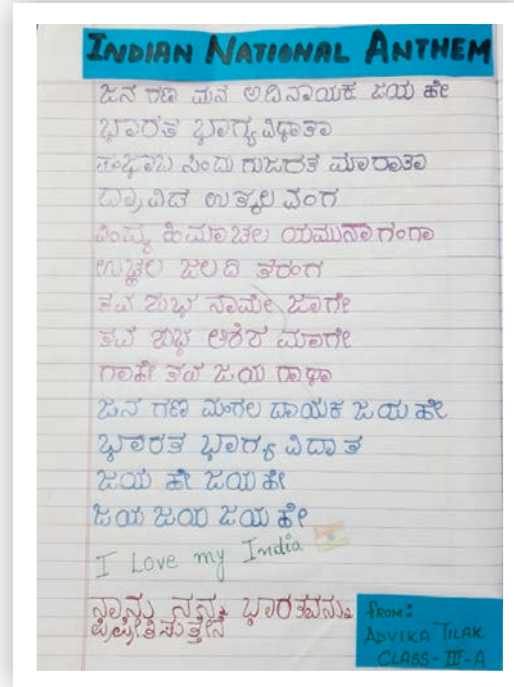
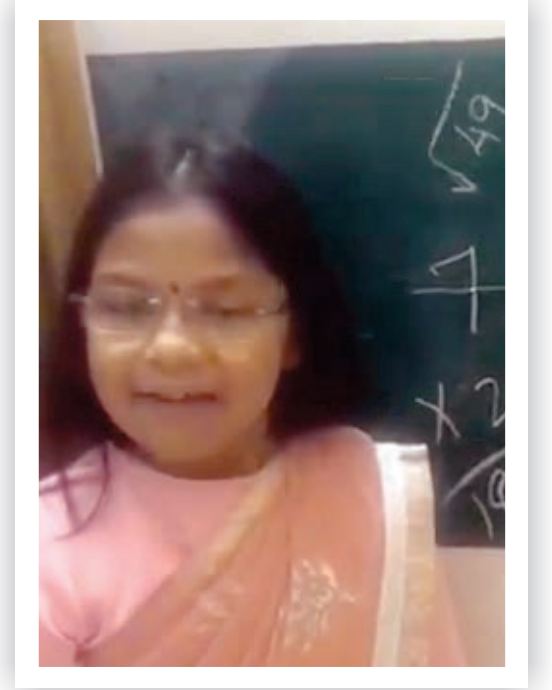
CELEBRATIONS GALORE

GLOBAL HANDWASH DAY 20-21



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KANNADA RAJYOTSAVA

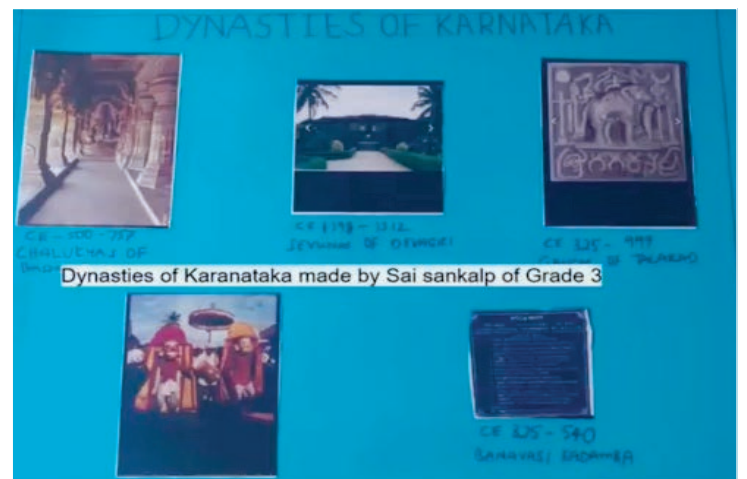


CELEBRATIONS GALORE

KANNADA RAJYOTSAVA



kabir Grade 3 famous personalities



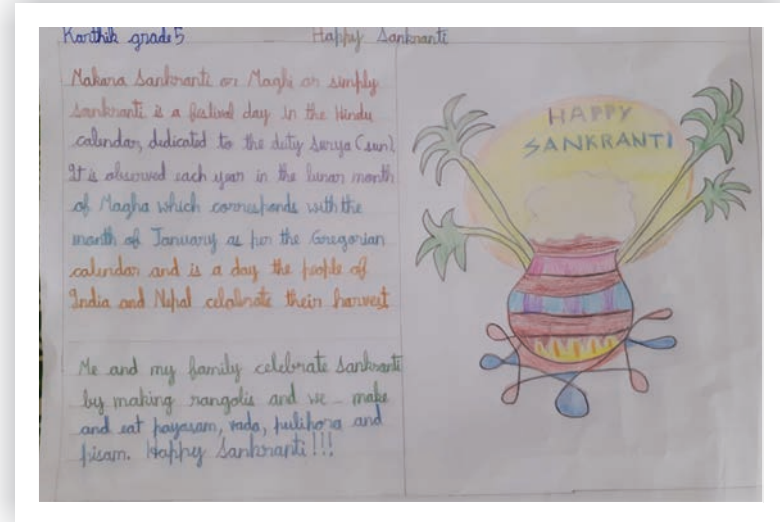
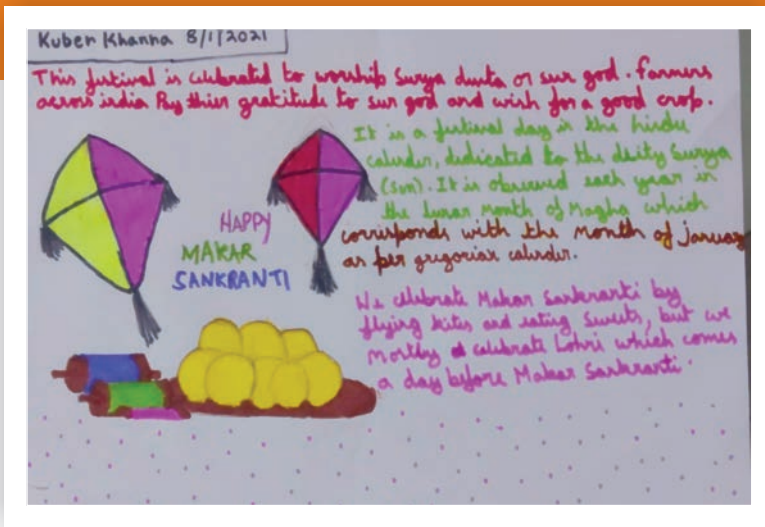
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MAKAR SANKRANTI



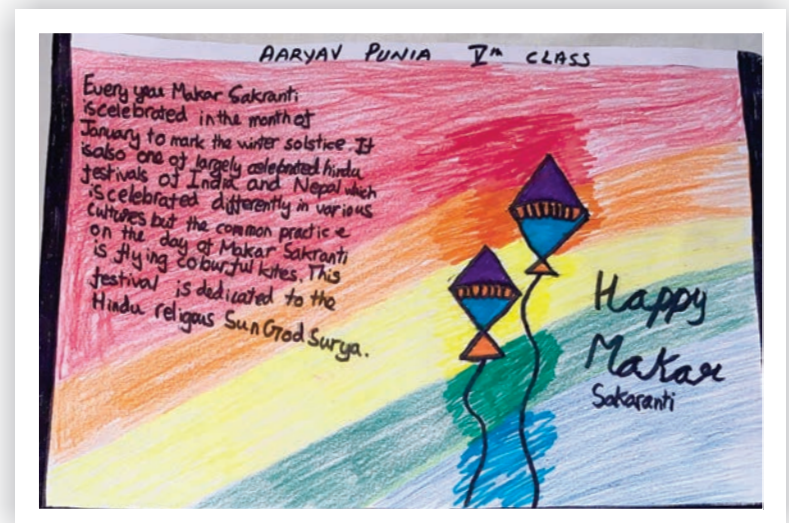
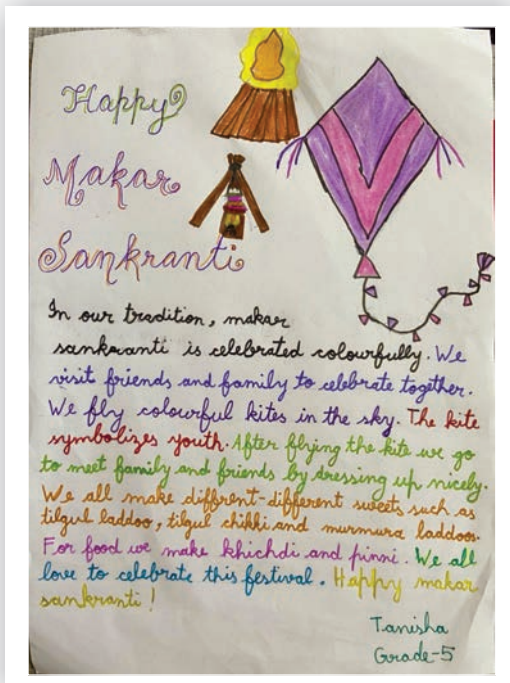
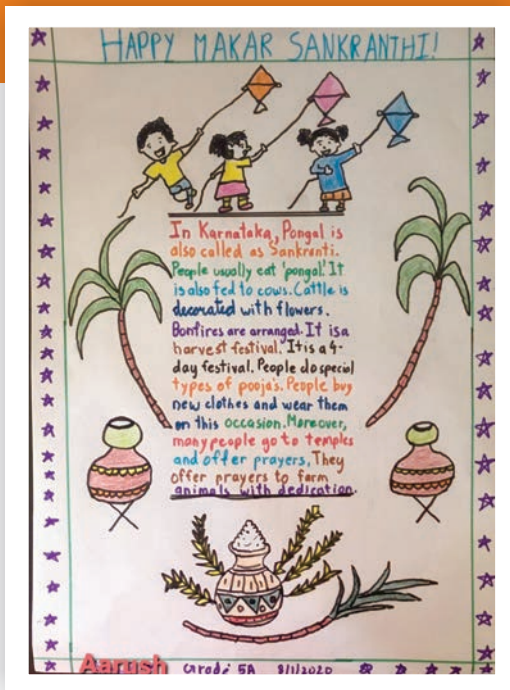
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MAKAR SANKRANTI



CELEBRATIONS GALORE

MAKAR SANKRANTI





- Soumya, Grade 10

Soumya



Visit to Sir M. Visvesvaraya Rain Water Harvesting Theme Park, 24th July, 2019.

There are only two such theme parks in the country, one being in Karnataka and the other in Telangana, named after Sir M. Visvesvaraya, who was not only a skilled engineer having won high-ranking awards such as the Bharat Ratna, but also the Diwan of the Mysore Kingdom.

Throughout the trip, students of grades 7th through AS level learned the importance of saving water and harvesting rainwater, and some of the methods which could be implemented in households to do so. There are two ways in which rainwater harvesting can be useful: in recharging the groundwater levels, and for household use by storing and collecting it.

Some of the methods discussed were infiltration trenches in drains which allow water percolation into the soil, bamboo gutters surrounding sloped roofs to collect rainwater, silt traps for natural purification of water in slow-moving channels, the pop-up filter for smaller households and the first flush lock & sand bed filter for larger buildings, with a real-life model of each.

Water scarcity in Bangalore is already at 20%, with there being a deficit of 200 million litres of water per day. This scarcity is predicted to rise to 50% by 2025 itself. The city's major source of water is the Cauvery River, from which the water is transported across over a 100 kilometres to reach the city. Furthermore, water forms 72% of our body content, and just one kilogram of sugar requires 12000 litres of water to produce. It is crucial that we as individuals take as many steps as we can to slow down the rate of our water consumption.

Small steps which can be taken by each one of us were introduced to the students: using front load washing machines instead of top load ones, using aerated or flow restrictor taps to reduce the amount of water exiting the tap per minute of use, using the soap water from washing machines for other household purposes and using smaller showerheads were only a few of the things discussed.

Nearing the end of the tour, a short movie was shown regarding,

mostly, about the final phase of the Cauvery project, which after completion will have the capacity to supply 500 million litres of water to the city per day. The movie also emphasised the shortage of water in the world we are living in, and the necessity for us to save it.

In all, the experience of the field trip was immensely educational, and it is sure to promote greater awareness about water scarcity and greater consciousness regarding our water needs and use.



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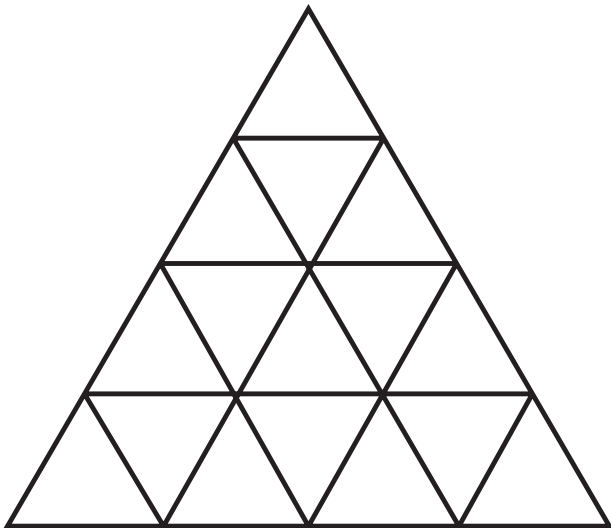


NUMERO UNO ANSWER KEY

Crossword ANSWER KEY

How many triangles are there?

Number of triangles in the picture: 27



A	S	E	L	B	A	I	R	A	V	Z	U
D	E	P	O	I	N	T	S	G	M	U	V
I	T	N	E	M	G	E	S	E	N	I	L
U	I	A	J	P	A	R	A	L	L	E	L
Q	C	K	Y	T	W	G	M	Y	I	G	M
T	H	I	R	T	Y	F	I	V	E	F	Q
L	N	B	Z	Y	E	L	C	R	I	C	P
O	R	S	J	X	N	W	Q	R	L	N	C
C	R	E	D	N	I	A	M	E	R	V	N
K	R	O	N	A	S	O	S	P	C	M	O
N	O	P	S	T	R	Y	U	V	M	J	T

1. What is the left over number in division?

Ans : remainder

2. A shape with no angles?

Ans : Circle

3. Name of currency in Sweden?

Ans : Krona

4. Straight lines that never cross?

Ans : Parallel

5. What represents the letters such as X, Y, Z in algebra?

Ans : Variables

6. A part of a line?

Ans : Line segment





Delhi Public School
Bangalore East
Cambridge International



Cambridge Assessment
International Education

Cambridge International School

Eloquence







Delhi Public School Bangalore East Cambridge International

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