



**BIRLA  
OPEN MINDS**  
INTERNATIONAL SCHOOL  
WALKESHWAR



# MIND SPARK

Third Edition - April 2021  
A.Y 2020-21

# MIND SPARK



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# From the Coordinator's Desk



As we come to the culmination of this academic year, it is with great pride that we can look back at the many accomplishments of the children. They have worked so hard and with every changing demand made on us by a new and challenging mode of learning. The many values that have been on display throughout the year have predominantly come to the fore as we end the term – flexibility when tackling a chiefly tricky problem whether it is during class or at home; valour in coping with changes; love and uprightness towards all members of the school community; gratitude and cheerfulness for each other and all the opportunities they are given within the school – which all toughen their character and their ability to make the most of every aspect of school life.

The school would like to take this opportunity to thank all the staff for their hard work this year. It has been a year of changes and they have embraced this with benevolence and continued to provide the best education for the children. We would also like to thank all our parents and carers for their support this year. A great deal of what we do in school cannot be achieved without you and your co-operation and backing. Many thanks and we look forward to working more closely with you very soon.

Each year when we look back at what the children have achieved and how far they have all come, we want to congratulate all our wonderful young children in achieving a great milestone in their life. That of completing their stages 1 – 6 primary school education.

We have a number of families represented here who have been a part of the school since the time of inception now and have come to the end of a long chapter. Along with the parents and families who have been with us for since 2018, there are some newly joined parents who have now become a part of the Birla Family.

Thank you to all of you for your contributions to the school.

Have a wonderful summer holiday and we look forward to seeing you again in June, 2021!

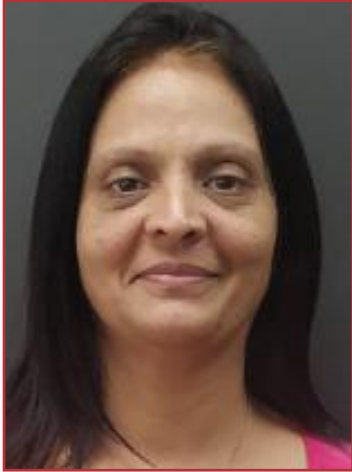
**Ms. Nida Fatema Jaffer**  
**Lower Secondary Academic Coordinator**





# Importance of Physical Education

**“We don’t stop playing because we grow old; we grow old because we stop playing”**



Physical Education (PE) develops students’ competence and confidence to take part in a range of physical activities that become a central part of their lives, both in and out of school.

A high-quality PE curriculum enables all students to enjoy and succeed in many kinds of physical activity. They develop a wide range of skills and the ability to use tactics, strategies and compositional ideas to perform successfully. When they are performing, they think about what they are doing, they analyse the situation and make decisions. They also reflect on their own and others’ performances and find ways to improve upon them. As a result, they develop the

confidence to take part in different physical activities and learn about the value of healthy, active lifestyles.

Discovering what they like to do, what their aptitudes are at school, and how and where to get involved in physical activity helps them make informed choices about lifelong physical activity. PE helps students develop personally and socially. They work as individuals, in groups and in teams, developing concepts of fairness and of personal and social responsibility. They take on different roles and responsibilities, including leadership, coaching and officiating. Through the range of experiences that PE offers, they learn how to be effective in competitive, creative and challenging situations.

## **Our aims as a teacher are to:**

- Encourage a healthy and active lifestyle throughout the school body
- Nurture sportsmanship in all aspects of competition
- Widen each student’s sporting experience and enjoyment
- Create a passion for active recreation and sport
- Assist students in reaching their physical potential in a variety of sporting environments.

**Ms. Avani Doshi**

**Primary Academic Coordinator**







## End Of Year News

Teachers always endeavour to start the term with many exciting events to provide your children with the best possible learning experiences. While another successful year draws to a close. It is amazing how much has been achieved by the children, staff and parents in one year.

The achievements extend from the satisfying execution of online classes, activities, event and exams, to the sporting and the creative arts to the numerous fun and engaging quizzes and parent workshops.

We appreciate and thank you for your constant support.

Term 3 is often seen as a quiet month and it has certainly been quieter than Term 2. There have still been many things to celebrate. Here is a glimpse of what your children have achieved and what was done in the final term.







## Online Play- Alice In Wonderland

Thank you to everyone who attended the live telecast of the online play on March 25th. We have had so many positive comments regarding the event's success.

An awful lot of hard work goes into preparing the students and planning for events like these and we have many people to thank.

Firstly, a huge "Thank You" to Ms.Nutan Raj, the Head Trainer from Helen O Grady, Speech and Drama Academy along with Rishab Shah, Drama Teacher for all of their tireless efforts and time they put in to train our students for such a fabulous and successful event.









We also along with the staff from Helen O Grady, Speech and Drama Academy would like to thank and acknowledge the efforts constantly put in by our staff members especially Ms.Nida Jaffer for her enthusiasm, dedication and resourcefulness in planning and organising year round events under the guidance of our Principal, Ms.Hina Desai.

Nothing is achieved without team work. Hence, we also recognise and applaud the entire staff of BOMIS. Without all their help and dedication, as well as the communication chain that was formed through Ms.Nikita, the event could not possibly have been as successful as it was.

Many thanks once again for your continued support!!



Silver Zone Olimpiad Result (2020-21)									
Grade	Name of the students	Our Special Achievers	English (iOEL21) First level/ Qualifying Round	English (iOEL21)	Mathematics (iOM20)	Science (iOS20)	G.K (SKGKO20)	Informatics (iI020)	Akhil Bhartiya Hindi (ABHO20)
I	Ayaan Banglawala		Special Achievement Certificate + Gold Medal	Special Achievement Certificate + Gold Medal	Special Achievement Certificate + Gold Medal	Special Achievement Certificate + Gold Medal	Special Achievement Certificate + Gold Medal	Special Achievement Certificate + Gold Medal	
III	Dhiyaan Shah		NA	NA	NA	NA	NA	Special Achievement Certificate + Gold Medal	Special Achievement Certificate + Gold Medal
III	Nishka Desai		Special Achievement Certificate + Silver Medal	Special Achievement Certificate + Silver Medal	Special Achievement Certificate + Gold Medal	NA	Special Achievement Certificate + Gold Medal	NA	NA
III	Omaira Shah		Special Achievement Certificate + Gold Medal	Special Achievement Certificate + Gold Medal	Participation Certificate	Special Achievement Certificate + Gold Medal	NA	NA	NA
IV	Aman Shah		Special Achievement Certificate + Gold Medal	Special Achievement Certificate + Gold Medal	Special Achievement Certificate + Gold Medal	Special Achievement Certificate + Silver Medal	NA	Special Achievement Certificate + Gold Medal	NA
IV	Arham Kothari		Special Achievement Certificate + Silver Medal	Special Achievement Certificate + Silver Medal	Special Achievement Certificate + Silver Medal	Special Achievement Certificate + Gold Medal	Special Achievement Certificate + Gold Medal	NA	NA

We congratulate all the winners. But we believe that every child is a winner and an achiever– having shown such determination and perseverance in their area. Well done to all children who took part and many thanks to the adults who invested their time in supporting the children.

You are all worthy of high praise!

## Attendance

We continue to focus on improving attendance in the school and are delighted that our attendance for Online Academic Sessions at the end of term is 95%.

Many classes have had full attendance successes this term and we are looking forward to celebrating full attendance in Extracurricular activities soon as well.





## Pride Of Awards



The School has always felt proud of the achievements of its students whether it is within school or outside.

AMAN SHAH from grade 4 had participated in the International Mental Maths Competition and secured 5th Rank.

He also participated in the ALL INDIA OPEN MATHEMATICS SCHOLARSHIP EXAMINATION - 2020 Conducted by INSTITUTE FOR PROMOTION OF MATHEMATICS and passed with a distinction.

Ayaan Banglawala earlier in the year had participated in a unique online talent show – 'Twisted' where he won the 2nd Prize in the Junior category of 3-8 years. We are proud of you!! Well done.

Any special achievements and awards always have been an important part of celebrating the children's successes and once again it was wonderful to see so many children receiving accolades and medals for their performance at International Olympiads conducted by SilverZone Foundation.







## **Learning Across Stages 1-6**

We are committed to preparing our students for tomorrow's world, empowering our young learners to shape the world they want to live in through various forms of learning such as Conceptual Learning, Competency Learning and Character Learning.

### **This school year came to a fitting climax with our preliminary week of Learning.**

Only when a child is provided with opportunities to produce their own theories and relate their learning to the outside world can we say that their conceptual understanding has developed. No learning can take place if an individual student starting points, interests and learning profiles are not taken into account. For students to be empowered to think, innovate, collaborate and evolve, a well-structured digital learning environment is a must.

Our learners have been engaged in building their conceptual understanding by practising various skills like communication, social-research etc. Our education model doesn't stop with just learning facts but focuses on building experiences that help our learners build life skills. Not only during class room engagements and but also through our unique whole education programme, our learners are engaged in pushing traditional boundaries and taking their learning to the next level.

### **Conceptual Learning**

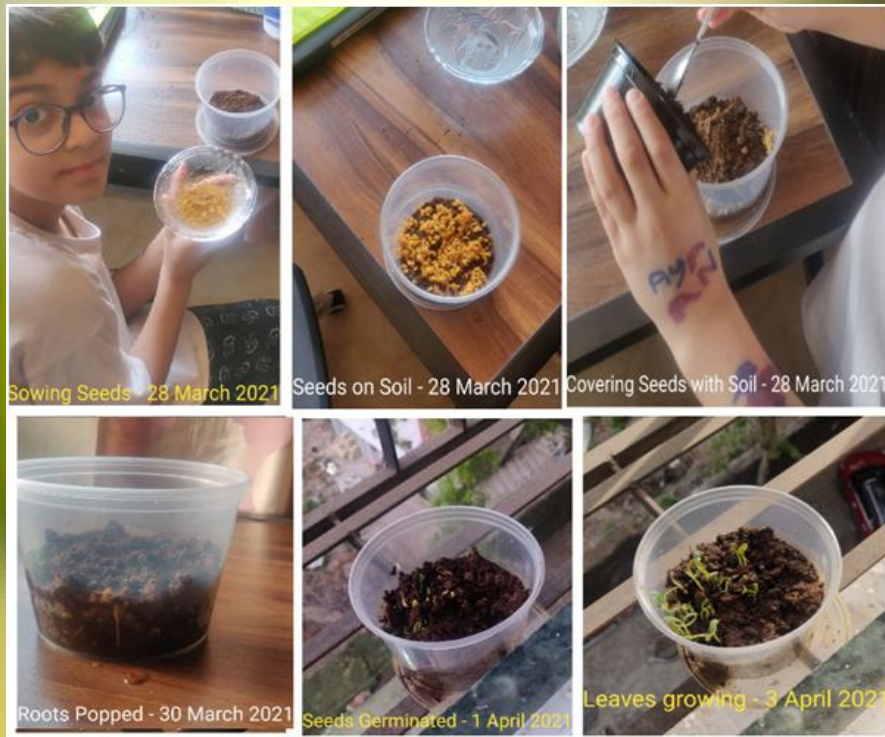
Here students connect new, possibly disruptive, facts to prior understanding and to important concepts. They are prepared to construct and re-construct theories, directing them to understand the way things work and why things are the way they are. Thus, by testing their evolving theories in different contexts, students are able to refine them as they now possess increased explanatory power and to see when, where and how they can be applied.



## Science- Seed Germination (Grade 1)

The students of Grade 1 performed an activity on Seed Germination where they practically sowed a seed and observed the weekly changes in the plant. They observed what comes out first from the seed sown followed by all the different parts of the plant.

This activity helped the students to learn the Life Cycle of the Plant in a play way method.







## Science -Making your own fossil (Grade 2)

Through this activity the learners learned how to make their own fossil. Materials required were a plastic container, modelling clay, plaster of Paris, containers for mixing the plaster, water, leaves, shells, plastic animals, paint and paint brush.

First, the learners covered the bottom of a plastic container with the modelling clay. Then, they pressed few plastic animals, shells or leaves into the clay. Once done, they removed the object and saw the pattern of the object in the clay. They later mixed the plaster of Paris over the clay and let it dry overnight. Once the plaster had dried, the learners carefully took it out of the container. Lastly, they painted it to give a look of a real fossil.

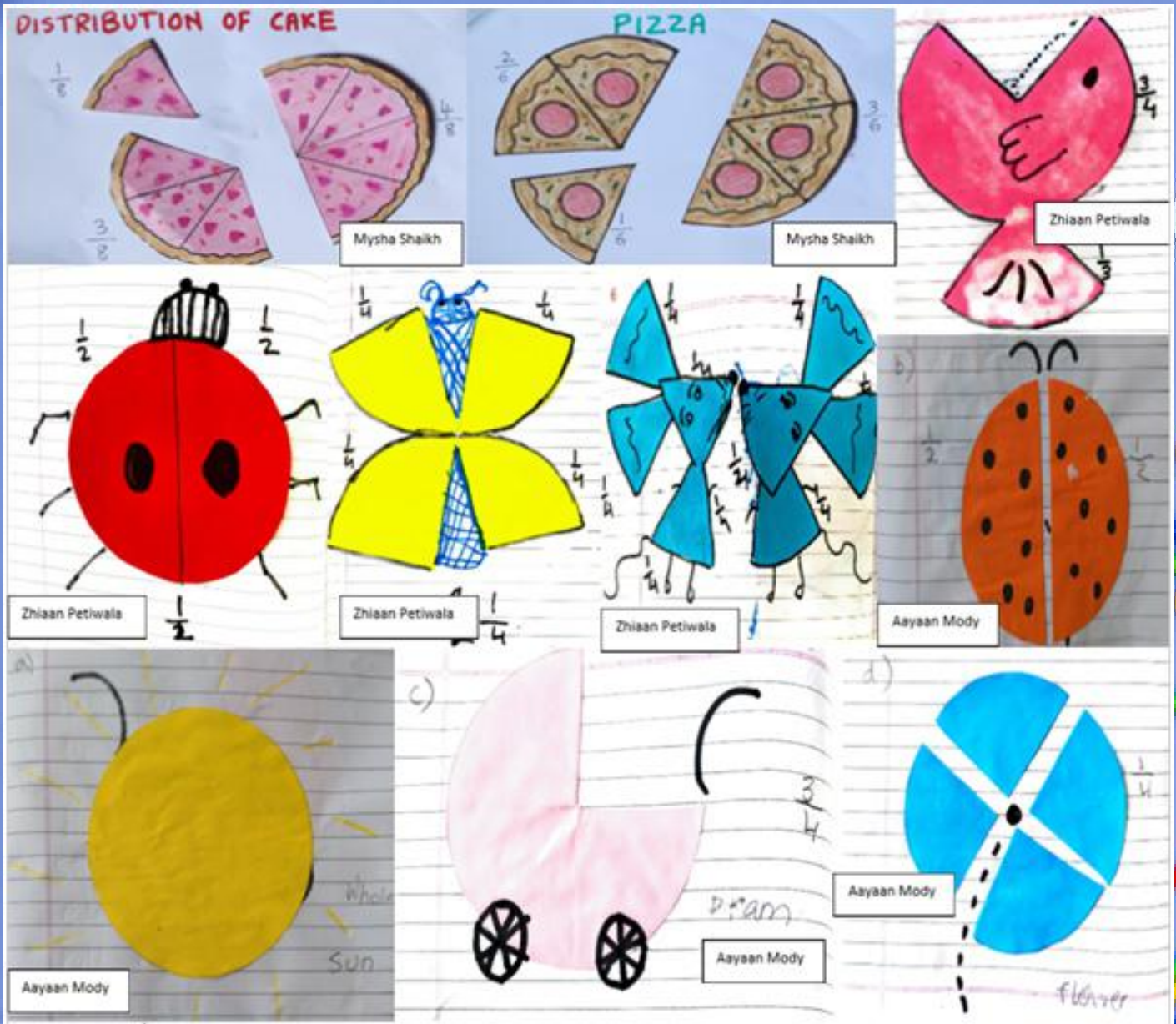






## Maths- Fractions(Grade 2)

Students were seen applying the concepts of Fractions and understanding how to find half, one third and quarter of collection of objects.







## Maths- Create a wall hanging using Integers (Grades 5-6)

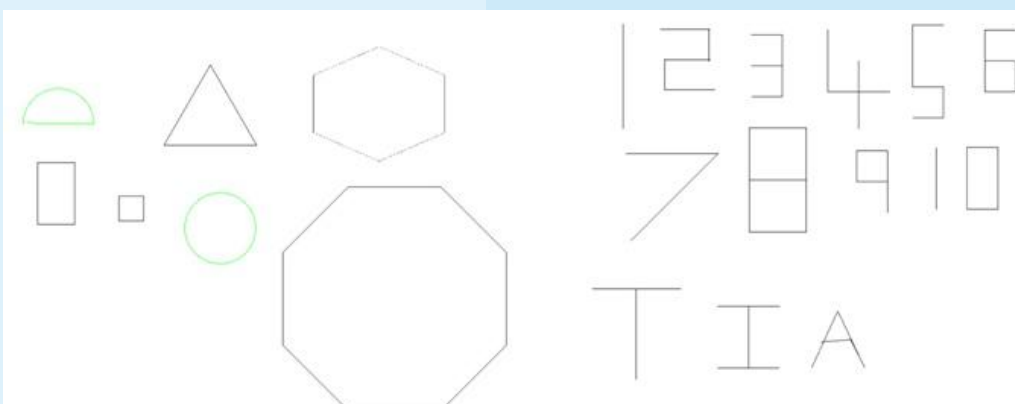
Description: To put the concept of integers into a hands-on activity, the students were asked to create a wall hanging. The students were supposed to depict real world situations (like temperature of places, debit and credit, depth of sea level and mountains, etc) on a number line.



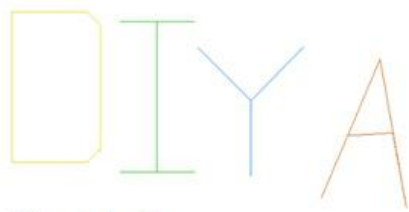
## ICT: Drawing Shapes, Numbers, Alphabets and Names using LOGO commands (Grade 3& 4)

Learners were asked to draw geometrical shapes using LOGO commands to understand directions and angles on the MSW LOGO screen. Next, they were asked to draw numbers and alphabets to increase the complexity of learning. Learners enjoyed creating shapes, numbers and alphabets. They were able to understand turtle movement and directions in MSW LOGO.

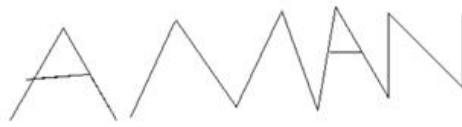
Learners were also draw their names using LOGO commands to understand turtle movement and directions in MSW LOGO. They could also learn about screen coordinates and turtle position in MSW LOGO.



Grade-3 Class Activity:  
Drawing Shapes, Numbers and Alphabets using LOGO commands



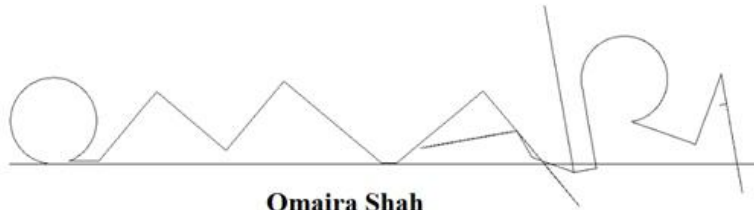
**Diya Sakaria  
Grade-3**



**Aman Shah  
Grade-4**



**Arham Kothari  
Grade-4**

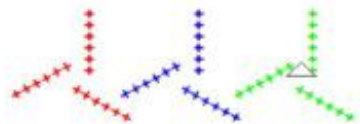


**Omaira Shah  
Grade-3**

## ICT: Drawing Patterns using LOGO commands (Grade 4)

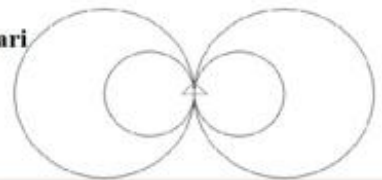
Learners were instructed to create patterns using LOGO commands to understand turtle position and directions in MSW LOGO.

**Aman Shah  
Grade-4**



```
repeat 12 [rt 120 label {+++++}]
sw
repeat 12 [rt 120 label {+++++}]
sw
rt 90
fd 120
lt 90
pd repeat 12 [rt 120 label {+++++}]
rt 90
sw
fd 120
lt 90
pd
pd repeat 12 [rt 120 label {+++++}]
```

**Arham Kothari  
Grade-4**



```
Commander
REPEAT 160 [FD 2 RT 1]
REPEAT 160 [FD 2 LT 1]
REPEAT 160 [FD 1 RT 1]
```



**Arham Kothari  
Grade-4**

```
Commander
REPEAT 12 [FD 100 RT 150]
REPEAT 12 [FD 100 RT 150]
REPEAT 12 [FD 100 RT 150]
REPEAT 12 [FD 100 RT 150]
fd 1
REPEAT 12 [FD 100 RT 150]
REPEAT 12 [FD 100 RT 150]
REPEAT 12 [FD 100 RT 150]
```





## Science-Anatomy T-shirt (Grade 6)

To illustrate the human Organ systems on a T-shirt, students did a T-shirt painting activity in which they depicted the different human organ systems on a t-shirt with well labelled diagrams.

### The Human Respiratory System



**Kavan Shah**



**Yuvan Shah**



**Kavish Shah**



## Competency Learning

Here students deconstruct expert performance and compare it with their own. They are able to identify the adjustments they are required to make. Finally, enabling them to practice a skill in order to refine it and make it increasingly reflexive.

### Science-Air exerts pressure (Grade 1)

Ayaan Banglawala performed a '60 second Science Experiment' using simple household items. The concept was very well explained and it shed light on how air exerts pressure.

G1 -Ayaan - Science experiment



### Science- Rock Testing(Grade 2)

The activity taught learners to understand that materials including rocks have certain properties. Students tested some rocks to find the hardest and softest rocks.

They picked any 3 different kinds of rock. They scratched each rock with their fingernail first, then with a coin and lastly with other rocks to find out whether they can see any scratch mark. Later, the students made a prediction which rock is the hardest and which is the softest. They put them in order from the hardest to softest.



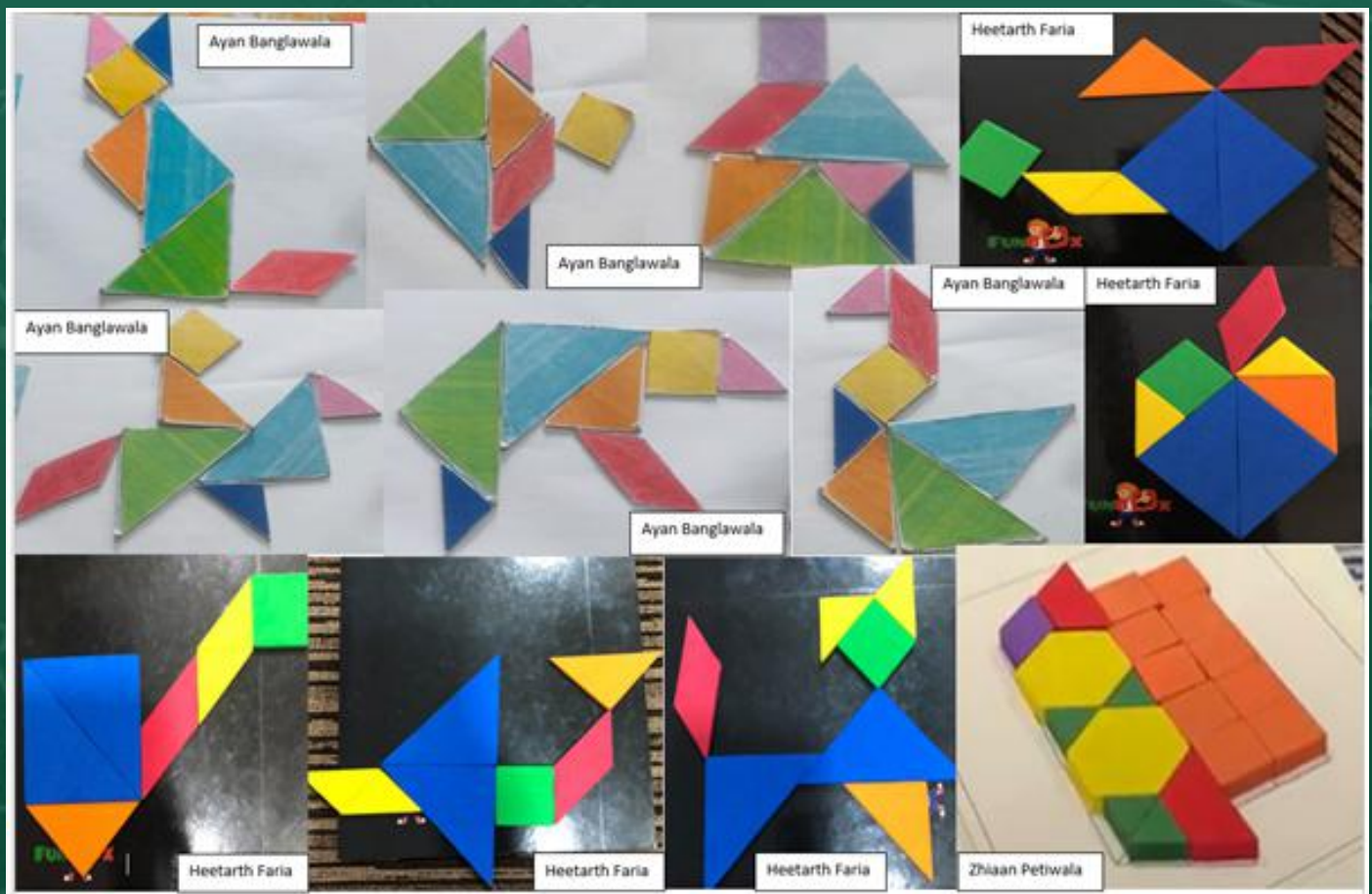




## Maths- Making Tangrams (Grades 1 & 2)

Tangrams can teach kids about spatial relationships. They may help learners learn geometric terms, and develop stronger problem-solving abilities. They might even help learners perform better on tests of basic arithmetic.

Grade 1 & 2 students through their work demonstrated awareness of spatial arrangements and an idea of dimensions.





## Science: Constructarama (Grade 4)

Aim : To design and create a working model using simple series electric circuit.  
To Create a Model using Recyclable or Reused articles.

### A propeller boat

This model was made using old plastic container. The propeller was made functional by using a motor in a simple circuit.

This model can also be used as a wind harvester when connected to light lamps.



By Arham Kothari

### A motorised Carousal

This model was made using popsicle sticks, old eraser, disposable cups and reused wrapping paper.

The carousal turned around an eraser fitted on to a motor connected in a simple series circuit along with a light bulb to illuminate the model.



By: Aman Shah







## Maths- Making a Tessellation

The students choose any shape and created a tessellation using it. In order to make the tessellation appealing, students used colours.

The activity was aimed at teaching children to understand how different shapes that they study are used in real world to form patterns in architecture (tiles and floors), mosaics, carpet designs or piece of art.



## Science- Sculpture Making (Grade 2)

Students learned the importance of using natural resources wisely and the importance of 3RS.

WE can see students making sculptures with the help of the reused/ recyclable material.







## Science: Best out of Waste (Grade 3)

Reusing the valuable waste material can result in development of fantastic and usable products. Rather than putting these waste materials into landfills, various innovative and creative ideas can be put together to being something new and useful.

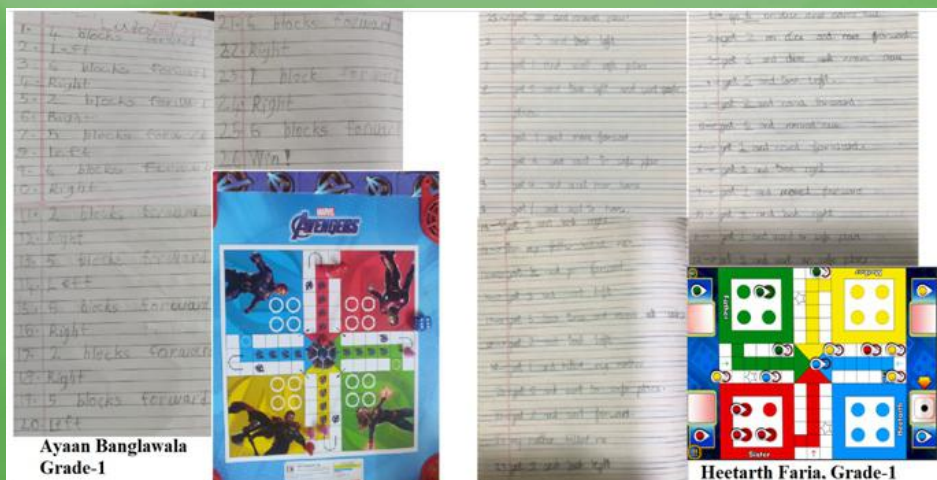
Students through their beautiful creations have taken a step to create personal and public awareness of environmental issues, including the benefit of reducing, re-using and recycling of materials that would otherwise be sent to landfill sites.



## ICT : Play LUDO with family (Grade 1)

Learners had to play LUDO with their family members either online or offline. Next, they had to click a picture of the game board/screenshot of game screen when their first coin reaches HOME position. Learners had to write the directions they used to reach HOME position from their START position. They had to include the number of steps taken forward and backward, number of turns (left and right) taken. Finally, they had to share the picture of their game board along with the directions written with their teacher.

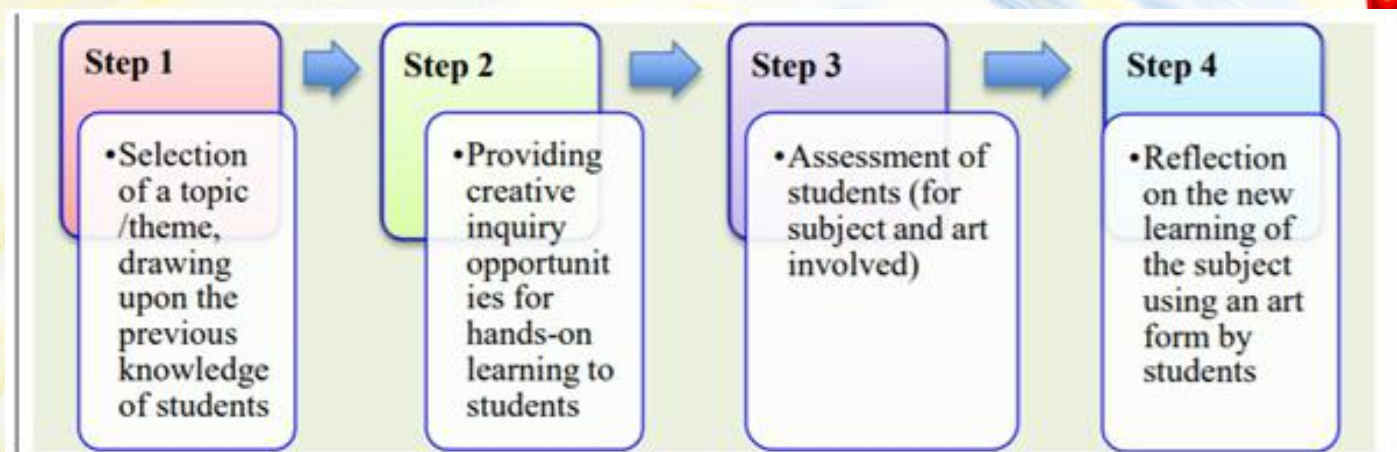
This activity helped the learners to identify directions used in programming at beginner's level.





## ART- A Poem without Words (Grades 1-8)

The schools follow the following process of embedding arts with other subjects for carrying out the Art assignments:



Competencies are combinations of knowledge, skills and attitudes that students develop and apply for successful learning, living and working. They emphasize aspects of learning that apply within and across all subject areas. The ART curriculum promotes development of the following competencies.

Students are the artists, scientists, thinkers, innovators and leaders of the future. They will be tasked with solving the problems of today, while imagining and creating a new tomorrow. Competencies are critical for equipping students with the knowledge, skills and attitudes that they will need to successfully navigate their personal journeys in learning, living and working.

Students use and develop competencies when they encounter unfamiliar or challenging situations. Competencies help students draw and build upon what they know, how they think and what they can do. In school, students develop and apply competencies through subject-area content and learning experiences provided in ART classes.



**“Art is something that makes you breathe with a different kind of happiness.” Anni Albers**

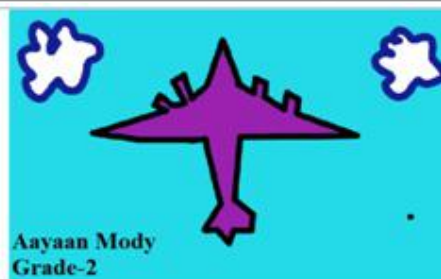
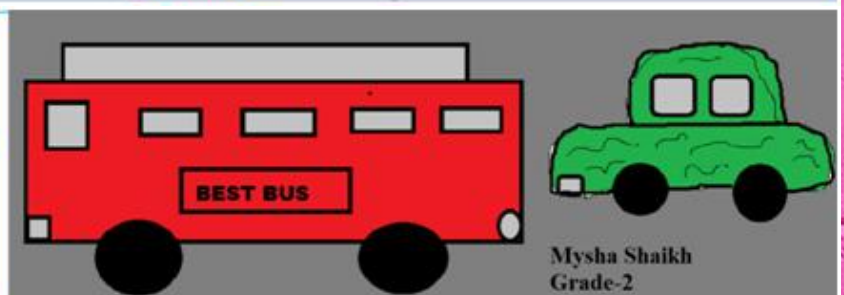
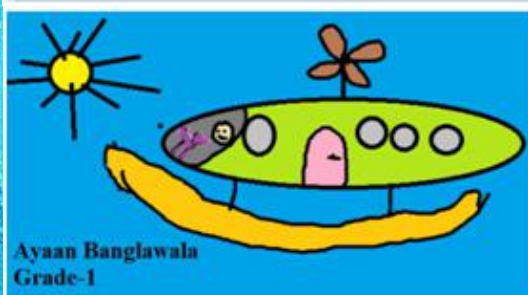
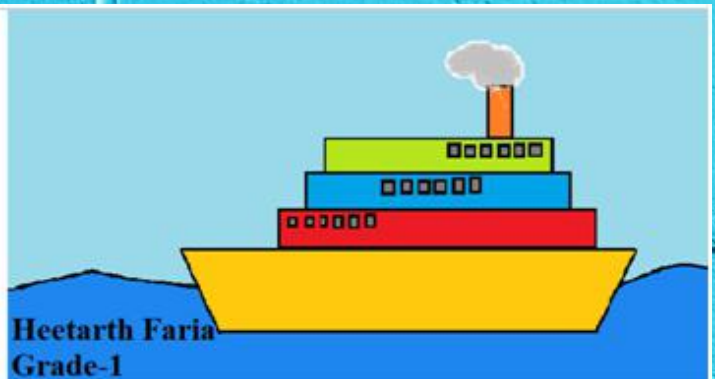






## ICT: Fun with MS Paint (Grade 1 & 2)

Kids love to paint using kinds of brushes, sharp pencils, erasers, poster colours, crayons, pencil or glass colours whichever they like or wherever they want to paint, but do you know our grade 1 and grade 2 learners turned their computer screen into a sheet which they filled with their imagination and creativity.







## Science - Poster making (Grades 1-8)

### SAVE WATER, STOP POLLUTION, ENVIRONMENT CONSERVATION

Through this activity students learned about the prevailing issues and importance of creating awareness. All activities conducted were to sensitize learners towards the need for environment protection and conservation.

Students made wonderful posters depicting how to save our natural resource - water which is depleting faster.

These young minds have indeed put their minds to give us these creative pictures.

Other students across grades 1-8 have done a fabulous job.





## Character Learning

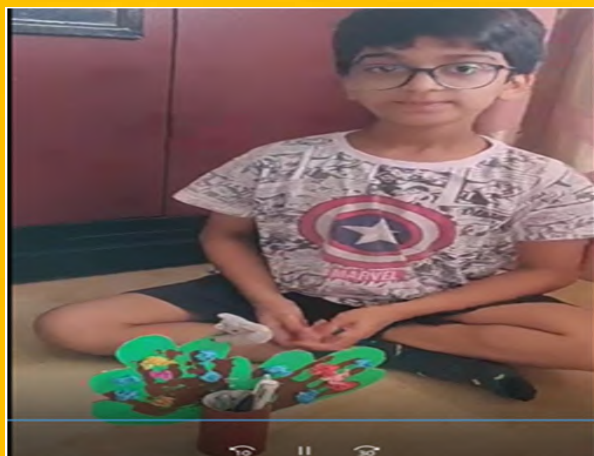
Here students consider what particular dispositions and values would 'look like' when applied in specific authentic contexts. Thus, acting as a result of these considerations and reflecting on the effects of these actions.

### Science-Grade 1

**Saving earthly resources and instilling the habit of being environmentally friendly.**

The students of Grade 1 made beautiful sculptures depicting an element. Children of Grade 1 used recyclable items and made beautiful and useful items.

Heetarh depicted 'a bird' whereas Ayaan depicted the element, 'Tree'. Heetarh's piece of art can be used as a décor while Ayaan's has made a usable item.







## Science: Building a Habitat (Grade 3)

Aim : To create a Diorama (3D Model) of a habitat depicting the characteristic flora, fauna and climatic conditions of the Chosen Habitat.

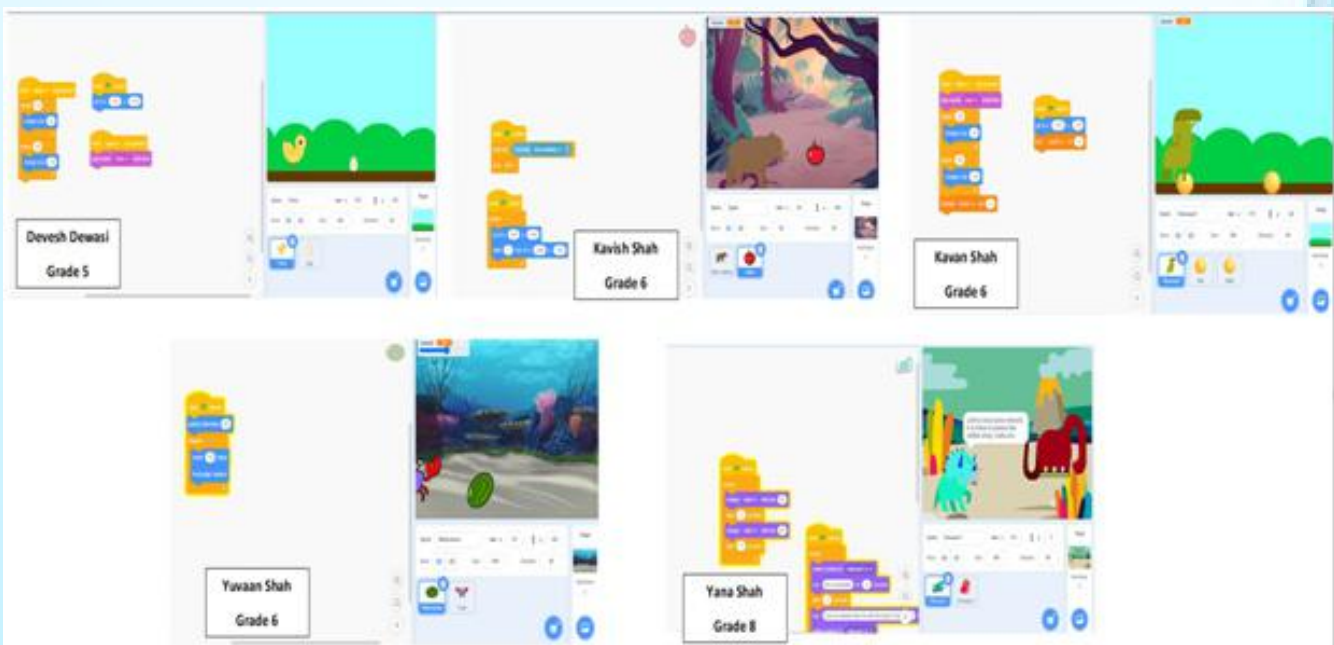
### The Polar Habitat



By Aman Shah .

## ICT: Creating Games and Stories using Scratch (Grade 5-8)

Grade 5 and 6 Learners were asked to create a Jump/Catch game using Scratch coding whereas grade 7&8 learners were asked to create a story to explain any concept they learnt in ICT. Kids were able to apply logical thinking and problem-solving skills to build the game. Also, they could display their newly acquired knowledge through a digital story using Scratch coding.





## Global Perspective- Road Safety (Grades 1-4)

This activity helped the learners to understand the term 'Road Traffic Safety' which is a set of rules and regulations that are made to ensure proper functioning and proper safety of vehicles and other dwellers. Learners drew what they feel is required these days to ensure safety of oneself and others around. They reflected that since the danger on the road is increasing day by day, it is very essential for all of us to understand how to keep ourselves safe on road. Students brainstormed ways to ensure Road Safety.



## ICT: Design Book Cover using Tux Paint (Grade 3)

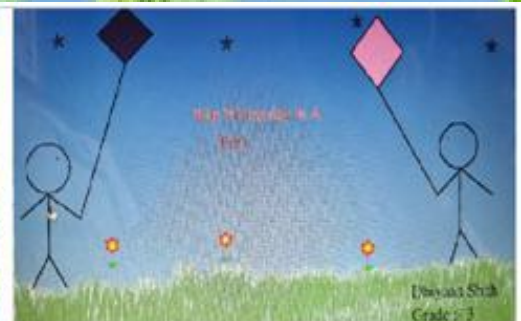
Learners were told to design a book cover of their choice using various tools in Tux Paint. They were able to showcase their creativity and display their imagination through digital art using Tux Paint.



Diya Sakaria  
Grade-3



Md. Ali  
Grade-3



Dhiyaan Shah  
Grade-3





Learners identify and list the advantages and disadvantages of schools as places where they receive much of their education. Based on the findings of their research, learners in their groups agree on one change that they would like to see in their current education system.



Learners explain the causes of, or reasons behind, the issue of globalisation  
Learners are able to provide insights into globalisation from a range of different perspectives and make connections between the issues surrounding globalisation and other important issues.

Through various activities students developed their analytical skills by looking at branding as a means to understanding the impact of globalisation. They also evaluated videos showing a range of perspectives on globalisation and were able to justify their own conclusions.



The School is delighted that teaching and learning were overwhelmingly seen as the things we do best.

Here is signing off with the year-end class newsletter. The year will conclude with the learning reports of your child being issued electronically to you. As partners with you in your child's education, we thank you for your constant support.





## **CONTENT DEVELOPER & EDITOR**

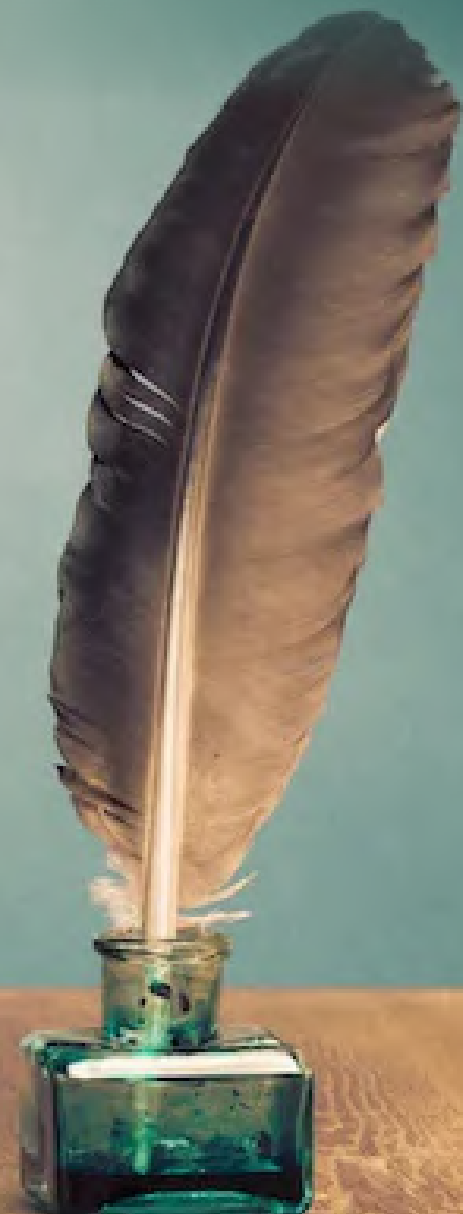
**Ms.Nida Fatema Jaffer**

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# **BIRLA OPEN MINDS INTERNATIONAL SCHOOL**



*in affiliation with*



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