

Report on Maths and ICT week – ‘Technologic’ (Grades I and II)

Integrating ICT and Mathematics help the children come up with their own interpretations and solutions of complex situations. It also supports the development of critical and logical thinking. Therefore, Suncity School celebrated the ‘Mathematics and ICT Week’ from Monday, 25th July to Saturday, 30th July 2022.

The children of grades I and II experienced a week of enriching activities which helped cultivate diverse skills and encouraged competency-based learning. The activities were designed to bring to life our theme of the year- “**Swadeshnurang**”.



ACTIVITIES

'SHAPE ROBOTS'- Grade I created robots with 3D shapes. It was wonderful to see how the creativity was interwoven with Sustainable Developmental goals and the children made beautiful presentations and came up with wonderful ideas of an ‘emoji’ robot, ‘cleaning’ robot and ‘Baymax’ a health robot.



'DECODE THE CODE'

The children of grade I learnt the basics of coding and with the help of AI patterns decoded names of shapes. They then drew electronic devices of their choice with the help of shapes they had decoded.



'CUTTING EDGE CONSOLE'

The children of Grade II were encouraged to design futuristic cutting-edge console. It was wonderful to see the creative ideas by the children.



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'MY SMART GADGETS' - ORIGAMI

The children of grade I were encouraged to create their smart gadgets (smart watch/laptop) with origami and add any one new feature to it.



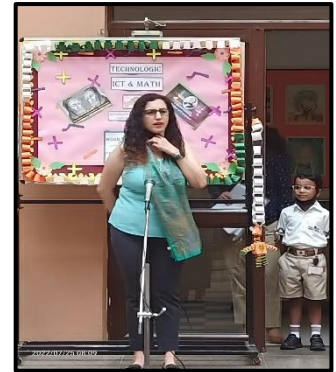
Monday, 25th July 2022
DAY 1

Special Assembly Integrating Maths and ICT- TECHNOMATH

The students of Class-I-F conducted the Special Assembly on 25th July 2022. The assembly highlighted the wonders of robots along with the Science and Maths behind their existence. The assembly apprised the learners about the use of technology in our real lives. The children also sang a song based on the logical uses of technology and how computers help us in our daily lives. A session on Netiquettes was also held by senior students.

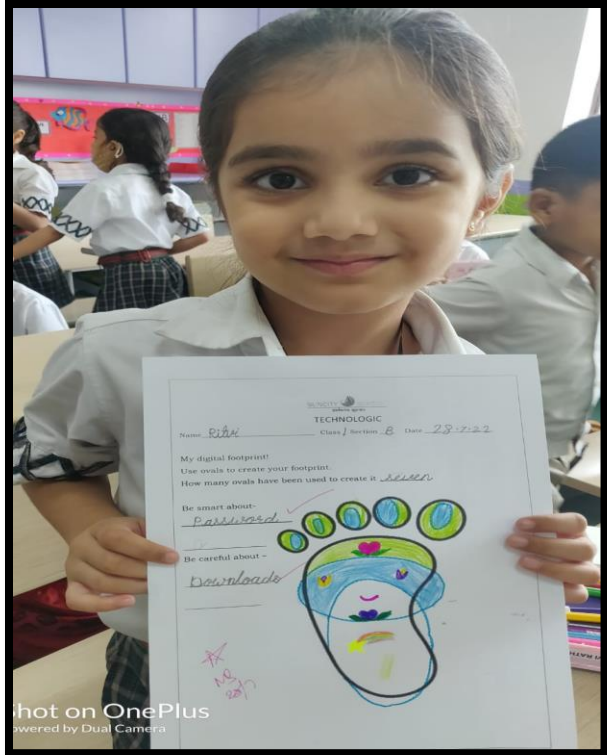
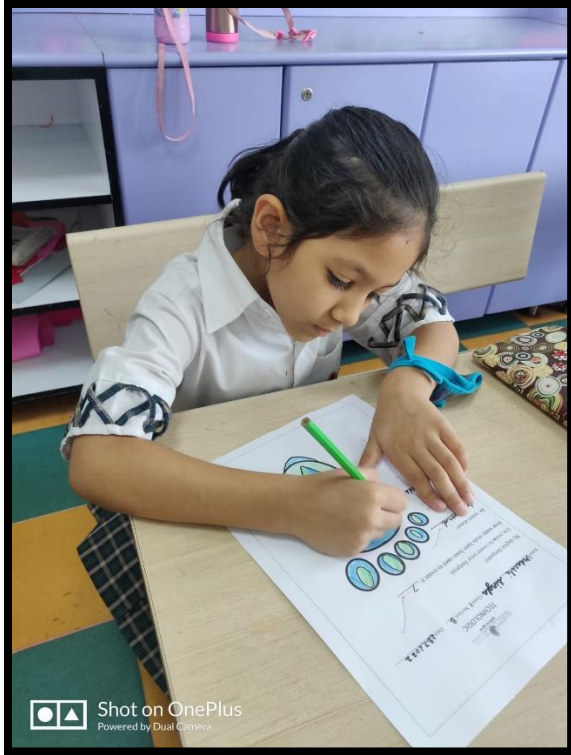
Netiquettes - Grade X students, Syna Agrawal and Trishaan Chaturvedi were a part of peer teaching. They enacted a small skit for students of grade I & II to help them easily understand etiquettes to be followed while using the internet. The children were taken through threats that they may encounter while using devices which connect us globally through the internet and were apprised about the safety measures which help to protect private data/information and keep it secure.

A song integrating Mathematics and ICT was shared with the students a week prior to enhance their **Musical Intelligence**. Children sang the song every day in the class on all days of the week.

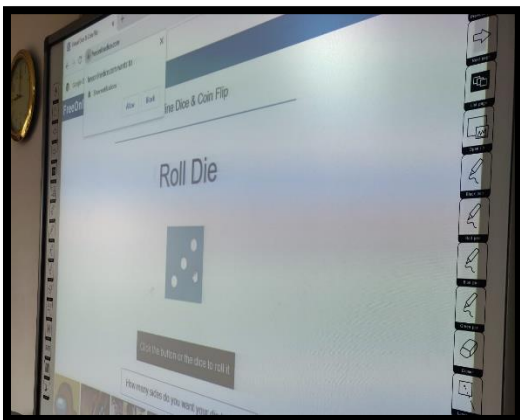


The understanding of the children was tested with the help of an integrated worksheet.

Grade I - My Digital footprint - The children were encouraged to draw their digital footprints with the oval shape. They counted the number of oval shapes used to draw their footprint and then wrote the things that they should be smart about and the things that they should be careful about while using the internet.



Grade II - 'High Five for security integrated worksheet.' The children were encouraged to think of five ways to be safe on the internet. They then practiced additions with the help of rolling a dice twice online, adding the numbers and then colouring the finger displaying the sum.



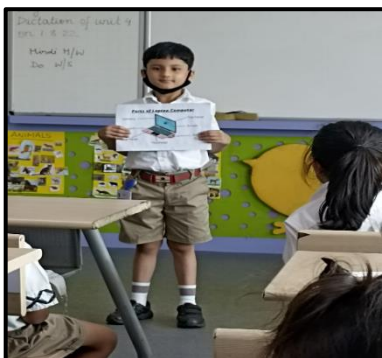
Tuesday, 26th July 2022

DAY 2

TECHNOLOGIC COMPETITION:

To enhance the oratorical skills, verbal linguistic intelligence, confidence of the children, a competition was conducted for the grades I and II

GRADE I: Children conducted research to talk about places where they see Mathematics and ICT being integrated to provide necessary services. They chose a household appliance/toy which has a computer/processor inside it and is used to operate it. The children were given 1-2 minutes to speak about the special features of the appliance and how the computer embedded in it helps to increase its efficiency and utility. They made the props, used their creativity and knowledge to perform with enthusiasm. Children were given certificates based on their performance during the presentation.



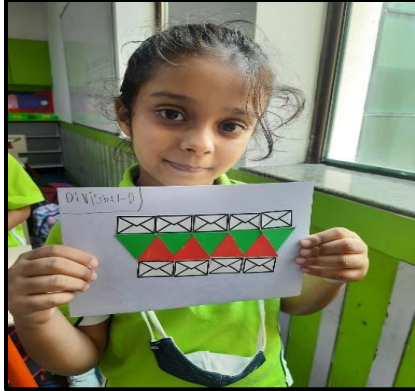
GRADE II: Students of grade II shared information about “How technology and Mathematics are interrelated” in one domain/field of their interest. They explained beautifully about areas like metro, banking, medical science etc and how they are dependent on mathematics and technology. They used beautiful props to enhance/support their presentation. They were given certificates based on their performance during the presentation.



Wednesday, 27th July 2022
DAY 3

GRADE I: 'A GEOMTECH PLAYGROUND'

A tessellation is created when a shape is repeated covering a plane without any gaps or overlaps. Another word for a tessellation is a tiling. Learners of grade 1 were explained the term followed by an activity, wherein, they created a tessellation using AI symbols and shapes integrating Maths and ICT. This activity helped the children to develop their logical and analytical skills. Performance and involvement of the children in this activity was praiseworthy.



GRADE II: FUN WITH 'AI symbol SUDOKU'. As a logic puzzle, Sudoku is also an excellent brain game. It helps to improve the concentration and overall brain power. Learners of grade 2 tried their hands on Sudoku drawing the AI symbols and solving a puzzle. Children thoroughly enjoyed the activity under guidance of their teachers.



Thursday, 28th July 2022
DAY 4



MASTER MINDS AT WORK

Quizzes encourage **students to do critical thinking and get into a habit of innovative learning**. By taking quizzes, children get instant feedback on their responses. **Kahoot, a game-based digital learning platform was used for the quiz session** during the week. Intra class quizzes were held. Logical and application-based questions related to Maths and ICT were asked during the quiz. The children thoroughly enjoyed the activity.



Friday, 29th July 2022
DAY 5

VISIT TO SUNCITY MARKET

‘Tell me and I forget, teach me and I may remember, involve me and I learn’. Keeping this thought in mind, the students of grades I and II were taken to Suncity market to experience the use of technology in our lives, the children were shown the CCTV cameras, biometric machines and access cards while going to the market. They were explained how technology has made life easier and how these machines help provide the right security. The children explored the concept of addition and subtraction through shopping. While shopping, they were explained about the concept of bar code for Paytm and swipe machine to make the payment.



Saturday, 30th July 2022
DAY 6

EDUCATIONAL OUTING

'It is a world of illusions that tricks your mind but also educates you at the same time'.

The students were taken for a visit to the **'Museum of Illusions'** at Inner Circle, New Delhi on Saturday, 30th of July 2022. They witnessed a world of mind-bending illusions which made them second-guess the perception of reality at every step. They were explained the meaning of illusions and shown how entertaining it can be. They also understood the working of GPS tracker and usage of access card while going to the place. To review the understanding of the children, a Padlet link was created where they had to share any optical illusion and technology device they witnessed during the visit.

