

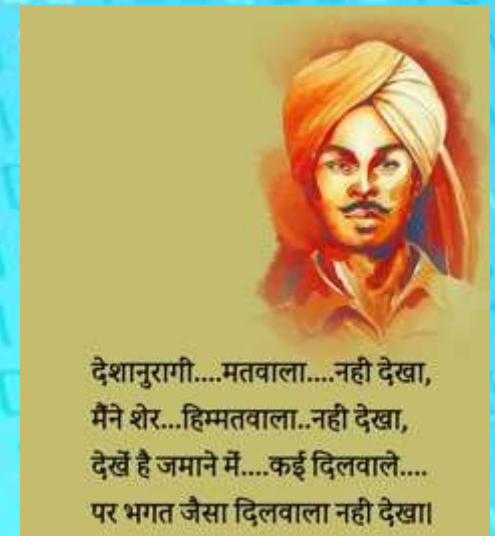
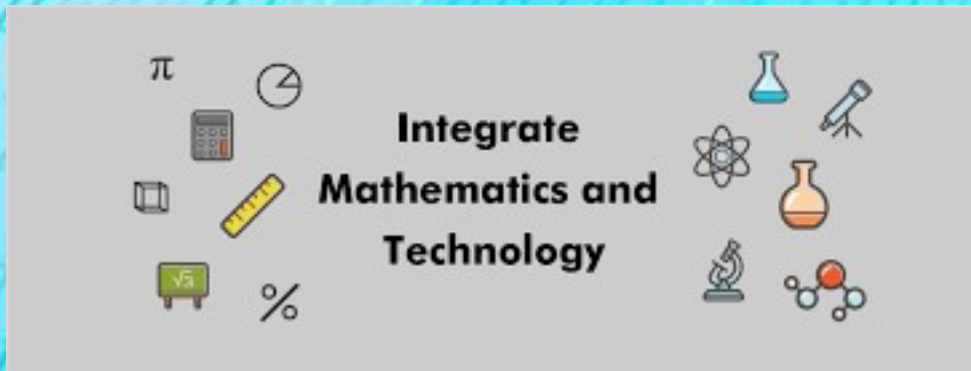
MATHEMATICS AND INFORMATION COMMUNICATION TECHNOLOGY WEEK REPORT

THEME: SWADESHANURAG

DATE - 25th JULY - 30th JULY 2022

GRADE: I – IV

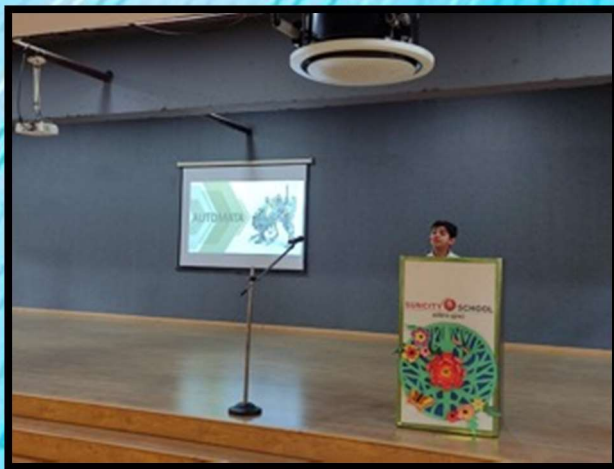
At Suncity we endeavour to find multiple means of feeding every child's curiosity. Considering this, the **Mathematics and Information Communication Technology week – 'Technologic'** was conducted in such a manner that it became a pathway for students to learn and explore. Through their participation, students displayed a balanced integration of skills and knowledge. These rich learning activities allowed our learners to master the essential skills required for a successful future. Exercises were conducted to enhance creative and critical thinking skills. Through different examples, they were educated about the importance of communication and its implementation in working collaboratively.



Week Commencement: Automata

At the commencement of this subject week, a **Special Assembly was organized on Monday, 25th July 2022**. The theme of the assembly was **'Automata'**. The assembly started with the customary Morning Prayer. The attraction of the day was a **session with Mr Vikas Jain**. **Mr. Jain** has a master's degree in computer science from Texas A&M University, Texas and certification from MIT in data analytics. He has 17 years of experience in the field of IT and is the head of Robotic Process Automation.

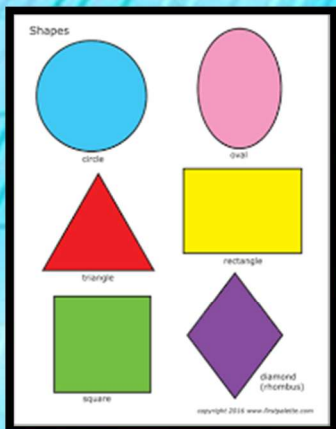
He addressed the students of Grades I – IV and spoke about the new generation of robots. Further, he also helped students understand the importance of robots in different fields of life like hospitals, banks, offices, homes etc. He shared some amazing facts related to robots. The head of the School, Ms Nandita Mathur delivered the vote of thanks and congratulated the team for their hard work.





During the Week

The school wore a festive look and had an exuberant atmosphere as the students exhibited their **Mathematics skills and Technological competency**. It was indeed a delight to watch students participating in a plethora of activities like sharing their knowledge about different facts about their country, talking about different national symbols and their importance etc. Students expressed their knowledge with beautiful integration of Math and Technology. Keeping these thoughts in mind, the students from Grades I- IV participated in different activities. Students participated with full enthusiasm during SHIN and logical reasoning activity. The '**DIGITAL PLAYGROUND**' and 'Real vs Fake faces' activities took the learning experience to a higher level where they were provided a platform to interact with technology.



Glimpses of the Activities by the students

GRADE I - IV

During **Mathematics and ICT Week**, our budding mathematicians participated with great enthusiasm and explored all the aspects of Mathematics and ICT. Below are some glimpses of the activities which were conducted this week that enabled the students to enrich their mathematical skills, broaden their horizons and build their logical skills.

Book Fair (I - IV)

“Books are the quietest and most constant of friends; they are the most accessible and wisest of counsellors, and the most patient of teachers”.

Mathematics and ICT week started with a book fair on Monday, 25th July 2022. The whole foyer area wore a festive look. There were a lot of books for different age groups, the racks were full of various kinds of books. It is also a great meeting place for the book-lovers. The fair spreads the message that books are our best friends and companions that enlarge our vision and make our life more meaningful.



National Symbols – Tux Paint (I & II)

“My pride, my identity ... Our National symbols”

“National symbols of India provide a unique identity to the nation and project a picture of it as a cultured country in everyone’s minds. The currency, flora and fauna and even music have been assigned special symbols, instilling feelings of pride and patriotism among the citizens. The symbols have been chosen at different times. They have a unique meaning, symbolizing strength, purity, immortality, power, pride, and courage. Continuing the activities of the subject week with fervour, the students of Grade I and II were ready to explore the world of technology. Keeping in mind the yearly theme students used Tux paint and created the pride of India: the national flag (Triranga).

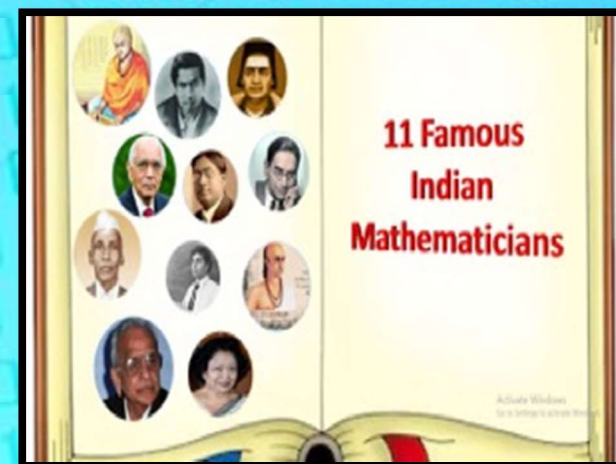
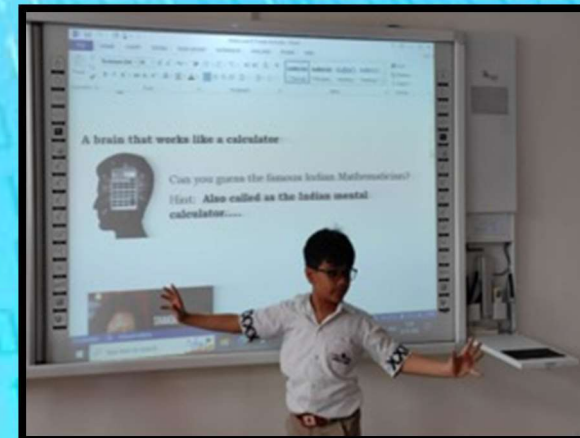


My India My Pride- Favourite Indian Mathematician (Grade III & IV)

"We owe a lot to the Indians, who taught us how to count, without which no worthwhile scientific discovery could have been made!"

Albert Einstein

Indian Mathematics emerged in the Indian subcontinent in 1200 BCE. In the classical period of Indian Mathematics, important contributions were made by scholars like Aryabhata, Brahmagupta, Bhaskara II, and Varāhamihira. Students in Grade -III and IV gave presentations on their favourite Mathematicians and amazed their peers with some amazing facts which they resented using MS Word.



Collaborative Learning SHIN Activity (I & II)

A progressive holistic learning program based on various hands-on activities related to Math with a Japanese-style group learning methodology was conducted in the class. The activity was interactive, motivating and above all enjoyable and was received by the students with great enthusiasm. In this activity, the children learnt about the composition and decomposition of numbers, number bonding and related concepts. It was followed by a video show about the same topic. With the philosophy of 'Think out and act', the Japanese-style experiential holistic group learning program, SHIN-EDUPOWER helps in improving the non-cognitive abilities and reasoning skills of children by making abstract concepts real and tangible for them. Students worked together to unravel various challenging and exciting hands-on SHIN puzzles to develop a range of skills.



Quiz on Quizzz (III & IV)



Logical and Reasoning Quiz for grades III and IV was conducted with a focus on enhancing their reasoning and logical skills. Participating in quizzes increased students' involvement, provided useful feedback on one's performance and motivated them to work more effectively. Technology, in the form of an ONLINE QUIZ, acted as a facilitator by bringing innovation to quizzes and ensuring active participation among students.



Step N Learn – VIRTUAL REALITY INTERACTIVE DIGITAL PLAYGROUND (Grades I & II)

The power of computers was harnessed for a differentiated learning experience. Students went beyond books and boards and indulged in a virtual reality experience on the Digital Playground (an interactive floor) where they enjoyed recapitulating some mathematical concepts and later enjoyed a few educational games.



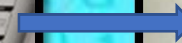
The culmination of the week (Cybnit)

The next highlight of the week was the Special Assembly, 'CYBNIT', conducted by the students from grades I to IV. **Students highlighted the risks that we are exposed to while connecting in the cyber world.** They demonstrated emerging cyber threats via a short skit and shared some tips to create a safer cyber environment, especially for our young children.



Exploring The World Of ARTIFICIAL INTELLIGENCE - Real Vs Fake faces (Grades III & IV)

Real Vs Fake faces Artificial intelligence leverages computers and machines to mimic the problem-solving and decision-making capabilities of the human mind. Grade III and IV students used the same to differentiate between real and fake faces.



SHOW & TELL (Grade I)

Friday was an exciting day for the students as grade -II explored the world of Mathematics through the integration of Information Technology and Mathematics. Students of grades I participated in a **Fancy Dress Competition** on the topic - 'My favourite Shape'.



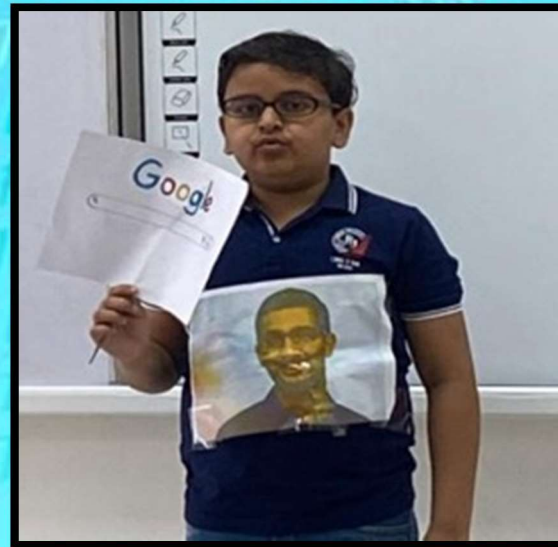
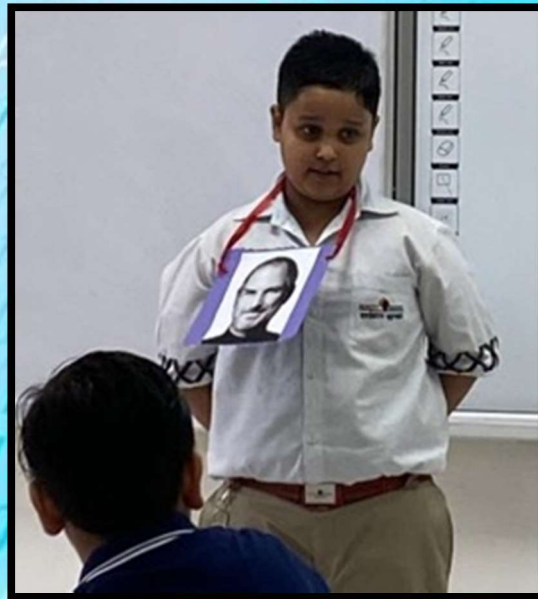
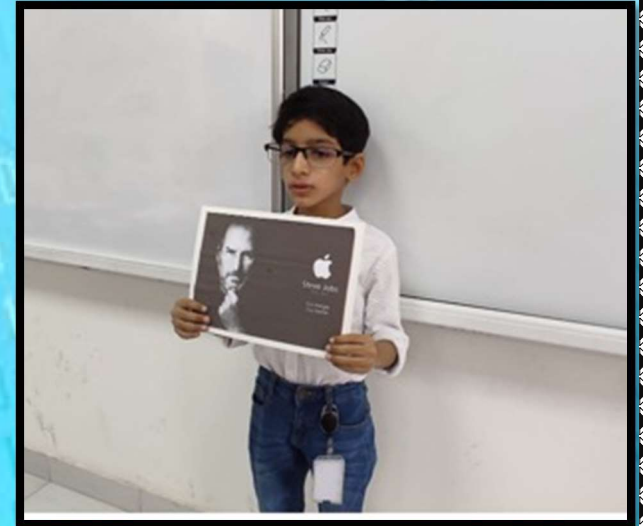
Just – A - Minute # Mathematician (Grade II)

The students of grade II filled the air with magic, as they came dressed up as Mathemagicians and demonstrated simple mathematical magic and tricks. Their tricks kept the audience spell-bound.



Just – A - Minute # Favourite IT Personality (Grade III & IV)

Students of grades III and IV dressed up like their favourite IT personalities. The best presenter from each class were shortlisted by our judges on the panel and awarded certificates of appreciation.



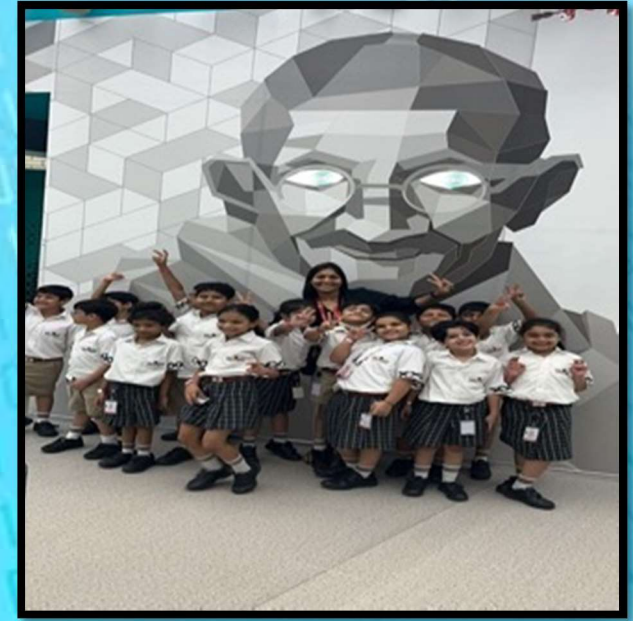
Educational Outing (Grade I - IV)

'Travel is still the most intense mode of learning' – Kevin Kelly

Educational outings not just help build closer bonds within the groups, such events also lead to building strong and everlasting learnings. With this thought the Mathematics and ICT week concluded with an educational trip to the Museum of Illusion, New Delhi. At the museum, the students witnessed different visual illusions created with the help of colour, mirrors and structure. The visit to the Illusion Museum was indeed an enriching learning experience for students.







The week long activities enhanced the thinking and problem solving skills of the young ones. It also made them aware of the involvement and importance of technology in our life. The Mathematics and ICT week was a success in intriguing the students about the exciting world of Mathematics and Technology.