

Salwan Public School, MV III, Delhi Hands-On Math and Art Exhibition

Music, Mathematics and Art are considered the pinnacle of human creativity.

Mathematics and Art are integral parts of our daily lives and to help the pupils build up different mathematical skills, concepts and show the interconnection of different subjects with Mathematics and Art. An Exhibition 'We Are The World' was held in the school grounds, on 7th December 2019. The event was graced by the presence of Dr. Hukum Singh, Professor of Mathematics, Mr. J C Yadav, Director of Education, Sh. S. D. Salwan, Chairman, Salwan Public School Mayur Vihar, Major Gen R N Masaldan, CEO Salwan Education Trust, Brig Dr A.K Tyagi, Director Salwan Public School Mayur Vihar, Ms. Seema Malik, Principal Salwan Public School Mayur Vihar, Directors, Principals and Teachers of all the Salwan Schools, parents and students.

The dignitaries inaugurated the Exhibition by releasing the balloons in the air symbolizing the vibrant hopes and celebration of the hard work put in by the students. This was followed by presentation of the song and dance performance '**We are the World**'. Dr. Hukum Singh encouraged the students to drop the fear of Mathematics and learn it through Hands on experience.





The students of Classes III to XI put forth intriguing art work, models, activities and games that beautifully revealed the notion that Mathematics and Art are the languages with which God has written this universe. Not only were the exhibits profoundly educative, they were simply fun to observe

and learn from. Enthusiastic students were bubbling with energy to reveal the nuances of a Smart City, Insurance Sector, Stock Market and many other such concepts to all who entered their domain. Multifarious models like that of Augmented Reality...Virtual Reality, STEM Projects etc., were captivating and raised everyone's curiosity.

The visitors as well as teachers were flabbergasted to see how our students could easily explain to an inquisitive mind the math behind catching a sniper. Students explained to all how math is used in forensic science and flight engineering. Math is in fact even applied in optimizing a product cost (advertising). The concepts of sextant, Vedic math etc. were brilliantly explained by our budding mathematicians.



The Research Groups of our industrious students apprised the guests of their BMI and also imparted tips for good health. They explained to the inquisitive parents how the Golden Ratio exists in all that surrounds us and can be easily applied in fields like Fashion Designing.

Mathematics in architecture was one of the fascinating corners in the Mathematics exhibition. The topic encompassed mathematical facts related to the design and stability of structures. The projects touched various areas of architecture in general. Some of these projects emphasized how Mathematics is involved in stability of huge structures: domes, spirals and minarets all over the world. The project on “Eiffel Tower” compelled the visitors to stop at this corner and enquire its mathematical details.

The students explained the technological advancements which led to an ease in banking transactions. Counting machines, ATMs, cards, cheques, online transactions and security were the topics covered under the umbrella of “banking”. At the “Mathematics in Astronomy” corner, use of mathematics in counting entities, the calculation of distance of an object in the sky, use of statistics in interpreting the data collected by devices were highlighted. Mathematical fun activities attracted the crowd and kept them absorbed. The knowledge possessed by the tiny tots while showcasing shapes , fashion show , fraction express , tangram, Salwan souk and yoga was the talk of the event .

The Chinese Art section of the exhibition mesmerized the spectators with the vibrant hues. A mesmerizing and immersive animation brought the story of the scroll and its historical figures to life in intricate detail.



The exhibition was a feast to the eyes of parents. The concept behind the exhibition was the representation of the fact that ‘Math and Art is everywhere’. This endeavour provided the students with a platform to exhibit their innovations that are but dreams hiding in their consciousness thus proving that Math and Art are the blood of the future.