

“Awakening the spirit of Mathematics” - A Workshop

Mathematics plays a vital role in our life, though the study of Mathematics is often a challenge because of its inherent abstract nature. In the search for optimal methods of teaching and learning Mathematics, a 2 - day workshop was organised in Mata Jai Kaur Public School on 23 and 24 October 2017. The workshop "Awakening the spirit of learning Mathematics" was conducted by eminent Mathematician and Educationist Dr. G. S Bhalla who has worked as a teacher, professor and principal in different countries like India, Kuwait and USA. It was attended by two members of Mathematics department – Mrs Lakshita Jain and Mrs Babita Mann.

Dr. Bhalla laid stress on humanising the teaching of Mathematics across all levels in schools and colleges by discussing the contributions of Ancient Mathematicians, particularly the Indian mathematicians that changed the world.

He explained many concepts like the Golden Ratio, Euclid's theorem, Pythagoras theorem, Brahamagupta's theorem, Vedic Mathematics and Vedic Geometry.

He inspired the teachers to explain how and why a particular concept was developed while teaching it in the class and to encourage research based project work amongst students.

The workshop provided a much needed insight into the subject and re-aligned our passion towards the subject.

Mrs Lakshita Jain

Mrs Babita Mann



ISA Activity :- Exhibition (Shape-O-Mania)

Mathematics plays a vital role in our daily life. Study of Mathematics is often a challenge because of its inherently abstract nature. To enable the students to understand the concepts of Geometrical Shapes and relate it to the different countries of the world, Mathematics Department of Mahavir Senior Model School organized an exhibition on 19th Sept. 2017. It was a part of ISA project taken up by our school. The topic of this exhibition was Shape-O-Mania (The World of Shapes).

The activity was conducted at three levels :-

Class III :- Models of different objects used in our daily life, their shape and their country of origin.

Class IV :- Posters on type of Houses, their shapes and different countries where these are found.

Class V :- Posters on Monuments of the World, use of shape and symmetry in these Monuments.

Different countries taken up for research work were U.S.A. , U. K., Spain, Italy, U.A.E. and India.

The exhibition was inaugurated by our respected Principal Sir Mr. Vivek. He along with other Staff members and Parents visited the exhibition. They appreciated the efforts of Parents, Teachers and Students.

This event helped our students to develop a broad vision. They are now able to relate the importance of Mathematics in their daily life and its use throughout the world.

(Renu Gupta)

Drawing and Colouring competition using Geometrical Shapes

“Drawing and Colouring in Scenery using Geometrical Shapes” competition was organised by mathematics department for students of grade II on Saturday, 19th August 2017 under the valuable guidance of Mrs. JyotiBhatiani (HOD Mathematics).

This competition provided an opportunity to the students to enhance their creativity and arouse their aesthetic sense to appreciate different colours and shapes in their surroundings.

All the students participated with full enthusiasm and showcased their talents.

We are thankful to respected Director Sir and Principal Sir for their constant support and motivation.





Report of Mathematics Competition (Visual Representation of Mathematical Terms)

Mathematics is a very important subject as it is an integral part of human life. We all use Mathematics in our daily life in various forms without being aware of different mathematical concepts. While playing games, children also make use of maths in form of counting, comparing etc.. Though, Mathematics as a subject is considered as a tough & challenging task, but it can be very enjoyable experience if it is taught in natural environment related to the young learners.

Keeping this in mind, Mathematics department organised a competition "Visualization of Mathematical terms" for classIV on 14 Feb.2017, The purpose of competition was to make students familiar with different mathematical terms & enjoy learning process.

Ms. Anjali Mathur& Mrs. Lakshita Jain were the judges of the competition.

The winners of competition are

Nishant Jain IV-B First,

Mysha Gupta IV-A Second,

Gauri Jain &Ishita Gupta IV-C Third.

Renu Gupta

MATHEMATICS DEPARTMENT

RANGOLI COMPETITION USING GEOMETRICAL SHAPES & SYMBOLS

Colours add life to everything they touch. Colours lend joy and celebration to even the slightest moment. In its endeavour to celebrate India's glorious Independence Day students of classes VI, VII, VIII participated in Rangoli competition using geometrical shapes & symbols on August 11, 2017 under the guidance of Mathematics Department. Using innovative ideas students made beautiful rangolis.

Students of Section – C won first prize.

Priyanshi Jain	6 C
Kuleen Katharine Lohia	6 C
PratishthaNegi	7 C
Rishabh Garg	7 C
Uttakarsh Sharma	8 C
Disha Aggarwal	8 C

Teacher Incharge : Ms. Anjali Mathur

Mrs. Pooja Goel



Training Programme for Teachers

"INTEGRATING TECHNOLOGY IN EDUCATION"

It was attended by Mrs Pooja Goel at Mount Abu Public School, Rohini sector 5, on Friday, 21st April, 2017.

Quality Education Asia is a team of committed professionals whose aim is to facilitate educators and learners in achieving the best in education.



The main objectives of workshop are to emphasize the role of ICT in education and using Web tools in teaching and learning. The purpose of this workshop is to give hands on experience and make teachers comfortable to use technology in their day to day classroom.

The key speaker Mr UdaiLauria sensitized the participants about the vision of integration of ICT in 21st Century Education. His team member highlighted certain facts about the digital classroom in the schools with the help of certain examples. Moreover, he emphasized that teachers have to play important role to make students as the creator of knowledge. What is greatly significant is 'Why we teach and how we teach'. ICT in education will enhance the relationship between the students and teacher.



It was an interactive session supplemented with hands on technology tasks.

Pooja Goel

WORKSHOP ON LINE LABS

A workshop on Online labs was conducted on 24th 2017 at Maharaja Agrasen Model School in association with Amrita University , Kerala and CDAC Mumbai. The session was addressed by Mr. Chandrashekhar, Project Associate Amrita create . On



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labs for school experiments is a novel e-learning project and is considered by CBSE for inclusion in teacher training program. The objective of the workshop is to provide participants a hands – on experience in using technology tools for teaching mathematics. The workshop was attended by Ms. Babita Mann (mathematics dept.) Around 50 teachers from reputed schools of Delhi and NCR attended this workshop.

Rangoli competition



The graphical representations always help the students to understand the subject better. Maths dept. created a platform to showcase the talent of the students by organizing “Rangolicompetition” using geometrical shapes from 24 to 28 July 2017 for classes 9th and 10th in their respective classrooms . In 1 hr long competition, the students tried to expressed great aesthetic sense and creativity.

Results: 1ST position: AakritiMathur and Vrinda Goel (9C),Anshitagupta and Ria Jain(9A)

Reva Malhotra and Stuti Jain (10C)

2nd position: Muskan Jain and Kritika Jain(9B),MayankBararia and DivyaRaghav(10B)

3rd position: Ronak Sharma and PiyanshuGoyal(9C),RashiOjha, Mehak Aggarwal and Jayati Sachdeva(10A)