



CELEBRATION OF MATHEMATICS WEEK: COMPREHENSIVE REPORT

“The power of mathematics is often to change one thing into another, to change geometry into language.”

-Marcus du Sautoy

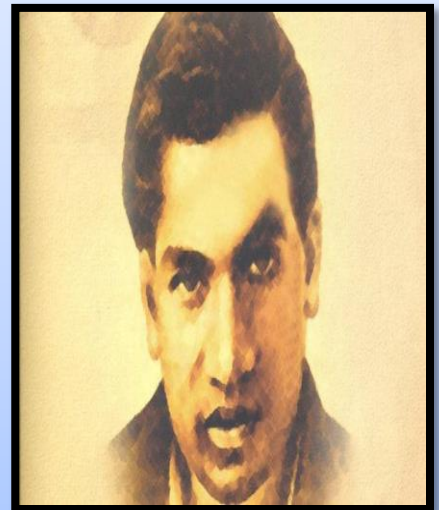
The birth anniversary of the great Indian Mathematician- ‘Srinivasa Ramanujan’ is celebrated every year as National Mathematics day. To commemorate this day and in continuation with our endeavour to bring new and exciting breaks from the mundane curriculum, Bal Bharati Public School organised a week long Mathematics day i.e. from 17th December to 21st December 2018. Each and every section of the Primary wing was involved in diverse activities that encompasses almost every sphere of life.

Mathematical skills are crucial for a wide array of analytical, technological, scientific, economics and soft skills application. Considering this perspective, various classes indulged themselves in assorted activities.

DAY 1 (17th December, 2018)

DISPLAY OF VIDEOS RELATED TO MATHEMATICS:

Interesting and thought provoking videos on basic and fundamental mathematical concepts related to Srinivasa Ramanujan’s discoveries, journey of Aryabhata, construction of Ramanujan magic square and some invigorating interesting facts about mathematics were shown to the students on the Smartclass. It received a tremendous response from the students; they not only found the videos enjoyable but also prepared themselves well through short quizzes taken up in the classroom post the videos.



Pure maths is in its way, the poetry of logical ideas

DAY 2 (18th December, 2018)

CLASS I: DESIGN A PATTERN

Students involved themselves in creating an imaginative pattern by utilizing only four basic shapes i.e. circle, triangle, rectangle and a square. This helped them in understanding and identifying the presence of these shapes in our surroundings.



CLASS 2: SUDOKU

An age appropriate mathematical puzzle was given to students. The one who solved it first was the winner. This activity nurtured learners analytical and problem solving aptitude and thereby creating healthy competitive environment.



CLASS 3: TESSELLATION

As different and unique as the name itself, this activity includes creating designs on a plane surface using one or more geometric shapes, with no overlaps and no gaps.. A periodic tiling has a repeating pattern. The success of the activity was evident when students competed with each other to create patterns like none other and in doing so created some incomparable canvases.



The only way to learn maths is to do maths

CLASS 4: WALL HANGING USING SHAPES

This activity required students to create a decorative wall hanging using geometrical shapes. Our little creators used recycled materials to create attractive wall hangings. This competition filled the atmosphere with the spirit of mirth and thereby showcasing animated classrooms full of vibrant colours. It encouraged craftsmanship and artfulness of the students.



CLASS 5: MATHEBOLA

This activity is a combination of mathematics and tambola. Students enjoyed playing this mathematical game. Slips with 15 numbers written on them were given to students. Class teacher spoke out equations instead of numbers and the students had to calculate the answers for the said equations. Students enthusiastically participated and showed great interest in solving equations.



Maths is the music of reason

DISPLAY BOARD BASED ON THE 'MATHS WEEK' THEME.



All the students from primary wing created 'Maths week' inspired display boards that proved to be inventive and unconventional. It proved to be an invigorating activity which involved the whole class and created a wholesome connect within them. Students worked as a team supporting and brain storming together.

DAY 4 (20 December,2018)

CLASS 1: PUPPET MAKING

This activity required innovation where students arranged various geometrical shapes and cut outs to create a puppet. This activity led to great enthusiastic commotion in the classroom resulting in display of some eye catchy puppets.



CLASS 2: TANGRAM LANDSCAPE

Maths and creativity go hand in hand. Students successfully created a Tangram landscape which required students to make beautiful landscapes using tangram pieces. This activity focused on the precision, detailing and pre-requisite knowledge of shapes.



God used beautiful maths in creating the world

CLASS 3: SECRET SUM GAME

It's also known as the logic puzzle. This activity required the arrangement of three wheels in such a way that numbers in each sector added to the same number. This proved to be a challenging and a mind boggling activity as it required students to brain storm, since there could be only one correct solution. Students were inquisitive and wanted to continuously solve the puzzle until they succeeded.



CLASS 4: RANGOMETRY

As the name suggests students were to fill 'Rang' in the Rangoli made with geometrical shapes. The goal was to enhance their creativity and arouse their aesthetic sense to appreciate different colors and shapes in their surroundings.

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DAY 4 (20 December, 2018)

CLASS 5: CLOCK-O-MANIA

This activity involved creating a mathematically enriched face of a wall clock. It involved creation of simple equations resulting in the digits found on the clock. Students successfully created a variety of equations and brainstormed to present the best clock in the class.



DAY 5 (21 December, 2018)

CLASS I: ADDITION USING BALLS

It was a group outdoor activity, where a sand pit was filled with numbered balls. The teacher called out addition problems with students running to the pit to pick up the correct answer ball. This activity encouraged team spirit and created a spark of enjoyment amongst little ones.



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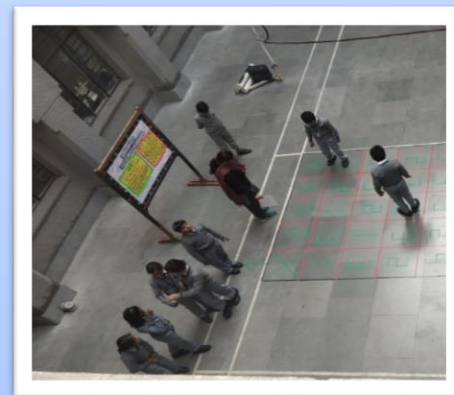
CLASS 2: CREATING TABLES IN HOOPLA

Multiplication is an essential part of elementary education. Considering this, a fun based multiplication tables activity was conducted where children created multiplication tables in and around hoola rings using various cut outs. It helped them to learn the importance of team work along with speed and accuracy. The activity was executed successfully and children enjoyed it thoroughly.



CLASS 3: SOLVE THE MAZE

This activity involves student moving numbers in three different directions to reach the center in minimum time possible. Active participation with added logical reasoning encouraged students to analyse and brainstorm collectively.



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CLASS 4: SKIT ON MATHS

The students enthusiastically enacted the short skit on the theme 'BODMAS'. Each group came up with impressive ideas and thought provoking messages. It was an entertaining and enriching session. It provided an opportunity to the students to express and articulate their thoughts in a constructive way.



CLASS 5: MATHEMATICS RELAY

This game was divided into four parts. Here students ran against time and accuracy. The winning team required not only to be fastest but should also be able to solve each challenge correctly. This activity had multiple outcomes including problem solving, team planning, applying analytical skills and time management.



SUMMING UP:

The results of various competitions held during the week were announced much to the excitement of the students. The curtains were brought down on a week full of mind boggling mathematical sessions and collective positive energies directed in a constructive way. Maths week proved to be a successful platform for the young minds to enjoy and share their innovations in Maths by participating in assorted activities.