

Report on National Mathematics Day

Date : 22 December 2020
Venue : Online Session
Organised by : ITL Public School
Classes : I-XII

“Maths gives us every reason to hope that every problem has a solution”

National Mathematics Day is celebrated every year on **22 December** to commemorate the birth anniversary of the legendary mathematician, **Shri Srinivasa Ramanujam** and his exemplary contribution to Mathematics. To mark this day, **ITL Public School** had organised various online activities for the students of **Classes I-XII** with an objective of creating awareness about importance of mathematics in day to day life situations and also to develop students’ interest in studying the subject.

Students of **Class I** were engaged in the activity ‘**Animal Shape Craft**’ where they made animals with different shapes using their own creativity and imagination.

The Activity conducted for **Class II** was ‘**Multiply Your Joy**’ where the students made different cut-outs of objects such as – Christmas tree, fish, butterfly, umbrella and wreath. The concepts of doubling tables (2 to 8) was reinforced by sticking the circular cut out on the given objects.

‘**My Hat My Way**’ activity was organized for the students of **Class III**. The students exhibited their creativity and understanding about different mathematical operations and symbols which was used in decorating the caps.

Students of **Class IV** created a ‘**Miniature Garden**’ with modelling clay using different geometrical shapes. They used various shapes and created a garden of their dreams.

‘**Net of cube/cuboid**’ activity was planned for the students of **Class V**. They used 2D net to create 3D cubes or cuboids.

Class VI students were introduced to the concept of symmetry through the art of **Thread Painting**.

In **Class VII**, **Worli Painting** was done by students through which they attained a deeper insight of geometrical shapes and concepts such as parallel and intersecting lines.

In **Class VIII**, activities relating to geometrical shapes like squares, rectangle, rhombus and kite were conducted. Some of the topics of the activities were as follows:

- Textile Designing (entailing the concept of parallel and perpendicular lines)
- Logo Designing
- Jewellery Designing

In **Class IX**, **Mathematical Activity Arcade** was organized. Some of the topics of the activity were as follows:

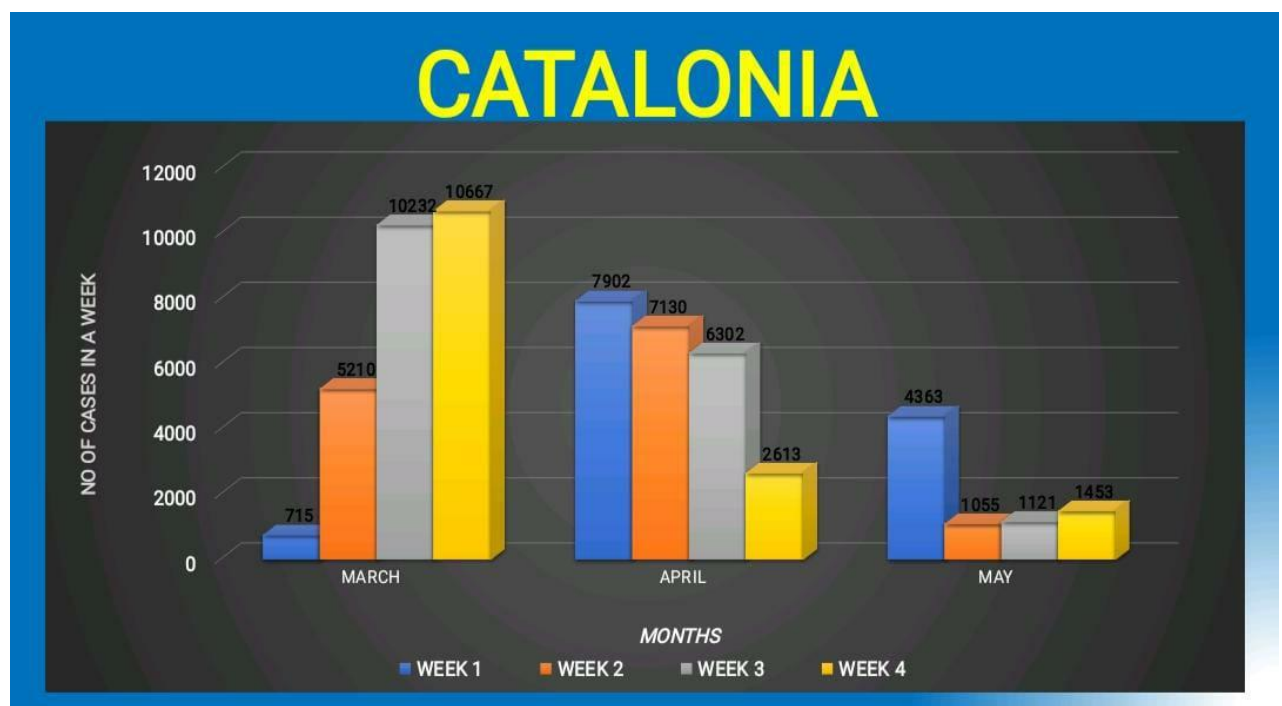
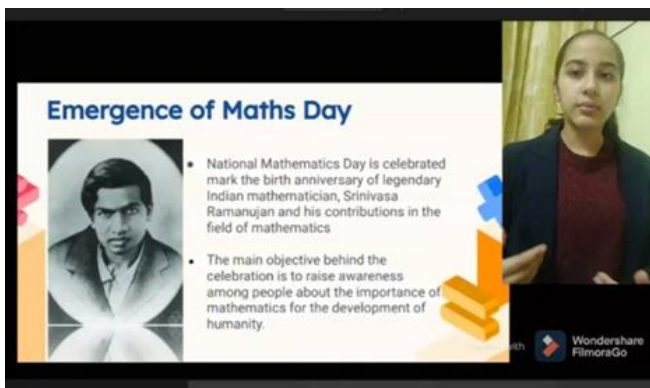
- Mathematics and Art
- Maths in Nature
- PPT on various mathematical topics such as Pie (π), History of Mathematics etc.

Class XI & Class XII demonstrated activities on the **Exponential growth of the Pandemic** and **Applications of Derivatives** in the class to integrate mathematics with present–real scenarios. They also watched a **short documentary** on the life and works of great mathematician **S.Ramanujan** depicting in detail the hardships he faced and how positively he dealt with them.

The activities planned were informative, engaging and entertaining. Students had a great learning experience and they also got to know about many new aspects related to maths. It stimulated student's mind and helped them to increase their confidence, enhance creativity and speaking skills.

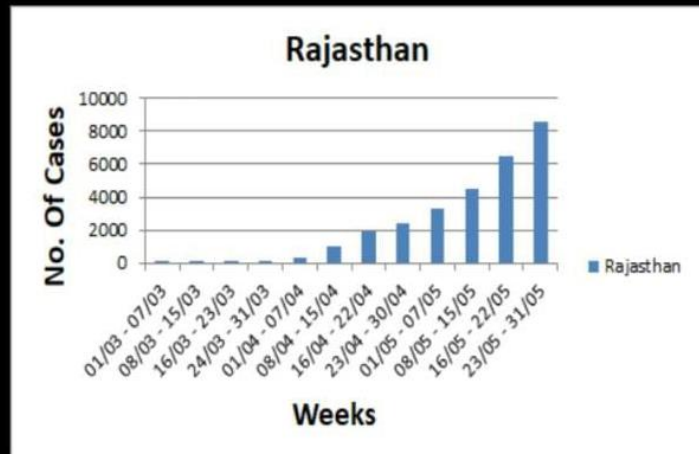
Indeed the event was a great success.





RAJASTHAN

Weeks	Rajasthan
01/03 - 07/03	15
08/03 - 15/03	4
16/03 - 23/03	28
24/03 - 31/03	74
01/04 - 07/04	288
08/04 - 15/04	1005
16/04 - 22/04	1890
23/04 - 30/04	2438
01/05 - 07/05	3317
08/05 - 15/05	4534
16/05 - 22/05	6494
23/05 - 31/05	8617



DECREASING FUNCTIONS

The **y-value** decreases as the **x-value** increases like this:

For a function $y=f(x)$:
when $x_1 < x_2$ then
 $f(x_1) \geq f(x_2)$

