

# Mathematics Day

**Day/ Date :** 22 December 2023

**Venue :** ITL PUBLIC SCHOOL

**Conducted By:** Mathematics Department

**Attended By:** Classes I - XII

Students of ITL Public School celebrated **Mathematics Day** on 22 December 2023. A plethora of activities were organized across all the classes. The Mathematics Day celebration at our school was a resounding success, fostering enthusiasm for mathematics among students. Students of **Class I** participated in - Let's go shopping – Concept of Money wherein they depicted the fake scene of the market in which they had showcased the subject's practical applications and sparked curiosity. Students collaborated in solving challenging problems on addition and subtraction using fake currency which enhanced their problem-solving skills. **Class II & III** students embarked on a colorful exploration. Armed with ladyfingers and a spectrum of hues, they seamlessly melded math and arts. The students learnt about the importance of eating vegetables in their diet. Students of **Class IV & V** participated in Creating Board Games using basic four operations, money and time concepts. They applied these concepts while playing it with their classmates. **Tessellation Activity** was conducted for Students of **Class VI**. Tessellation refers to a pattern of 2D shapes which fit perfectly together, without any gaps. In this activity, children drew various Tessellation patterns using polygons like triangle, quadrilaterals, pentagons etc. They took instances of real-life patterns like floor tiles, chess boards and fabric patterns. They decorated the tessellation patterns with different colours, craft paper, grains, sparkles. Students of **Class VII** participated in Vedic Maths Tricks. Students demonstrated commendable understanding and proficiency in implementing various Vedic Maths tricks, elucidating their efficiency in performing mental calculations and solving mathematical equations swiftly. Students of **class VIII** created Ramanujan Magic Square using their Birth date. Ramanujan Magic Square is a matrix of numbers in which every row, column and diagonal adds up to the same number. **Class IX** proved their mantle by showcasing projects based on applications of mathematics in real life. They demonstrated various projects such as Clinometer which is used to measure the heights of tall objects such as buildings. Fibonacci Sequence, Pythagoras Theorem and many more were also showcased. This activity helped the students to chisel their critical thinking and problem-solving skills.







## CLASS IV BOARD GAME ACTIVITY



## CLASS V BOARD GAME ACTIVITY



## CLASS VI TESSELLATION ACTIVITY



**TRICKS OF VEDIC MATH**  
MULTIPLICATION TRICK- 1<sup>st</sup> TRICK  
MULTIPLYING ANY NUMBER BY 15  
• Vedic Method  
 $12 \times 15 =$

**CLASS VII**  
**ACTIVITY - VEDIC**  
**MATHEMATICS TRICK**

**TRICKS OF VEDIC MATH**  
Another Trick  
• Vedic Method  
 $167 \times 485 = 81085$

number  
Step2. Multiply the result by 10  
Step3. Now, multiply the unit digit of both the two numbers  
Step4. Add both the numbers  
Eg. 13 and 15  
Step1.  $15+3=18$   
Step2.  $18 \times 10=180$   
Step3.  $3 \times 5=15$   
Step4.  $180+15=195$

**MULTIPLY THREE DIGIT**

Steps  
1. Subtract the number in units place by the number itself  
2. Select number in units place among given two number and add it to another number  
3. Multiply the above obtained number with the number obtained in step 1.  
4. Multiply the numbers in units place of the given question  
5. Add the answers from step 1 and 4. This is the answer.

**Vedic Maths Trick**

$2812$   
 $+1264$

**MATHEMATICS TRICK**

$167 \times 485 = 81085$

**Class VIII Activity**  
**Magical Square**

**MATHEMATICS TRICK ACTIVITY**  
*Magic Square*

28	02	20	11
12	19	1	29
0	30	13	18
21	10	29	01

5  
8



# Class IX

## Innovita

### Model Making

