



ARYABHATTA CLUB

CLASSES : VI-VIII

REPORT FOR THE PERIOD – APRIL-MAY 2021

S. NO.	DATE/ MONTH	OBJECTIVE	ACTIVITY	LEARNING OUTCOME
01.	17 to 30 April 2021	<p>Aryabhata club is formed to develop students' level of Mathematical skills and knowledge. Students get an opportunity to work in groups to explore interesting Mathematical puzzles, to work with 3-D models etc.</p> <p>Students can enrich their skills by solving complex arithmetic calculations using VEDIC MATHS</p>	<p>Session I- Activity: 'MathoMagic' Interesting Mathematical Puzzles were solved in this session. Students presented their own puzzles and solutions.</p> <p>Session II- Vedic Maths:Ekadhikena Purvena (one more than the previous one) Squaring a number ending with 5</p>	<p>Students developed their logical reasoning and computation skills by solving Maths Puzzles and were able to improve their presentation skills by creating their own puzzles.</p> <p>The activity further helped in developing heuristic and problem solving attitude among the students.</p> <p>Students got an opportunity to learn a few Basic Sutras and applied them to make Arithmetic calculations easier.</p>
02.	01 to 03 May 2021	<p>To encourage a positive attitude towards Mathematics.</p>	<p>Pop up card making activity using A4 size sheets.</p> <p>Ekadhikena Purvena- Vedic Maths Multiplication of two digit numbers</p>	<p>Students developed observation and creative skills by designing Pop up cards using A4 size sheets.</p> <p>Students acquired the skill of applying Basic Sutras of Vedic Maths in multiplication of numbers.</p>

GLIMPSES OF THE ACTIVITIES UNDERTAKEN


DURING THE PERIOD APRIL-MAY 21 :

MathoMagic


Find the missing number

4	6	3	8
2	8	4	4
6	5	??	10

Maths Puzzles

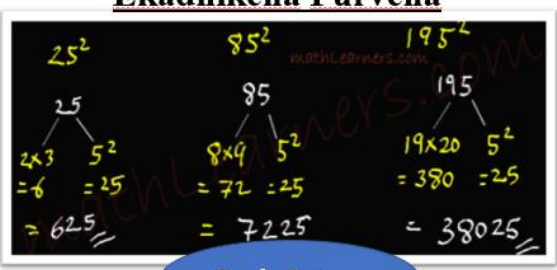


Subtracting Integers Puzzle



77	58	87	
68	19	61	56
91	22	70	50
10	142	11	?

Ekadhikena Purvena



Basic Sutras

$44 \times 46 = (4 \times (4+1)) (4 \times 6) = (4 \times 5) (4 \times 6) = 2024$

$37 \times 33 = (3 \times (3+1)) (7 \times 3) = (3 \times 4) (7 \times 3) = 1221$

$11 \times 19 = (1 \times (1+1)) (1 \times 9) = (1 \times 2) (1 \times 9) = 209$



Teacher In-charges: Ms.Subha Renakumar and Mr. Anshul Dubey