

D.A.V. PUBLIC SCHOOL, THANE
SESSION: 2024 - 2025
SECONDARY SECTION
ARYABHATTA CLUB

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“Mathematics is not just about numbers—it’s about understanding the world through logic, patterns, and relationships. It touches everything from the smallest particles to the vastness of space, and it plays a crucial role in shaping the world we live in.”

Let’s explore this exciting world of Mathematics with some fun activities!!!

Aryabhata Club is pleased to announce the following activities for students of Std VI to X.

STD X :

ACTIVITY # 1 : SUM OF THE DAY

ACTIVITY # 2 : INDIVIDUAL ACTIVITY (Choose Any One Activity)

TOPIC 1 : CLINOMETER: Make a Clinometer to find the height and distance of a given object.

TOPIC 2: PUZZLE MAKING: Create a Mathematical Puzzle using Mathematical Concepts (e.g. crossword puzzle, Sudoku, Jigsaw etc.)

ACTIVITY # 3 : GROUP ACTIVITY (Choose Any One Activity)

TOPIC 1: GRAPHING ART: Draw graphs of a Pair of Linear Equations in Two variables and create beautiful designs and patterns (eg. stained glass art)

TOPIC 2: COMBINATION OF SOLIDS: Make a 3D model of combination of any two solids and find the Surface Areas and Volume.

STD IX :

ACTIVITY # 1 : SUM OF THE DAY

ACTIVITY # 2 : INDIVIDUAL ACTIVITY (Choose Any One Activity)

TOPIC 1: STRING DESIGN : Arrange coloured thread strung between points to form beautiful geometric patterns and designs.

TOPIC 2: REPORT WRITING: Write a Report on History and contribution of any one Mathematician.

ACTIVITY # 3 : GROUP ACTIVITY (Choose Any One Activity)

TOPIC 1 : MATHEMATICAL BOARD GAME : Design a Board Game using mathematical concepts like Coordinate Geometry, Probability etc.

TOPIC 2 : 3D SHAPES MODEL: Create 3D shape models of Cube, Cuboid, Cone, Cylinder, Hemisphere and Sphere.

STD VIII :

ACTIVITY # 1 : SUM OF THE DAY

ACTIVITY # 2 : INDIVIDUAL ACTIVITY(Choose Any One Activity)

TOPIC 1 : JEWELLERY DESIGNS: Make jewellery designs of different states/tribes using Mathematical shapes.

TOPIC 2 : KOLAM PATTERNS: Create beautiful rangoli/ kolam patterns by joining dots.

ACTIVITY # 3 : GROUP ACTIVITY (Choose Any One Activity)

TOPIC 1 : 3D SHAPE MODELS: Make a 3D model of a prism/pyramid using their nets.

TOPIC 2 : GST CHART: Present the information regarding GST along with actual cash bills.

STD VII :

ACTIVITY # 1: SUM OF THE DAY

ACTIVITY # 2 : INDIVIDUAL ACTIVITY(Choose Any One Activity)

TOPIC 1 : ILLUSION ART: Create an illusion art on A4 size paper by using geometrical shapes.

TOPIC 2 : MY DREAM HOUSE: Create your dream house using 3D shapes.

ACTIVITY # 3: GROUP ACTIVITY (Choose Any One Activity)

TOPIC 1 : ROLEPLAY ON MATHEMATICIAN: Demonstrate the contribution of various Mathematicians in the field of Maths through role play.

TOPIC 2 : MATH RAP: Compose and present a rap song on Mathematics.

STD VI :

ACTIVITY # 1 : SUM OF THE DAY

ACTIVITY # 2 : INDIVIDUAL ACTIVITY (Choose Any One Activity)

TOPIC 1: CIRCLE PATTERN: Creative geometrical patterns using circles.

TOPIC 2: GEOMETRICAL PARK MODEL: Design a model of a park using geometrical shapes.

ACTIVITY # 3 : GROUP ACTIVITY (Choose Any One Activity)

TOPIC 1 : ROLE PLAY: Application of profit and loss in daily life situations.

TOPIC 2 : MATHEMATICS AND DANCE: Express different types of angles through dance.

PLEASE NOTE: Participation is Mandatory.

Regards

Mrs. Simmi Juneja

Principal