

ARMY PUBLIC SCHOOL, MUMBAI (2019-2020)
STANDARD CURRICULUM

CLASS :- IX

SUB :- MATHEMATICS

Sr. No.	Month	Topic	Activities	Values	Core Values
1	April	NUMBER SYSTEM AND POLYNOMIALS	Interactive interaction, discussion, direct instruction, investigation and problem solving.	Curiosity Awareness of human relations and non living objects Critical thinking Problem solving	Self -awareness
2	April	CO ORDINATE GEOMETRY	Interactive interaction, discussion, direct instruction and problem solving.	Higher order thinking Skills Problem solving	Self-Awareness
3	May	LINEAR EQUATIONS TWO VARIABLES	Interactive interaction, discussion, direct instruction, investigation and problem solving.	Time Managements Gender Sensitive	Team work
4	June	INTRODUCTION TO EUCLIDS GEOMETRY	Interactive interaction, discussion, direct instruction, investigation and problem solving.	Punctuality, obedience and honesty Awareness and Conservation of environment Curiosity Confidence Positive outlook	Team work
5	July	LINES AND ANGLES	Interactive interaction, discussion, direct instruction and problem solving.	Innovative mindset Critical Thinking Logical Thinking Higher order thinking	Environmental Awareness
6.	July	TRIANGLES	Interactive interaction, discussion, direct instruction, investigation and problem solving.	Punctuality, obedience and honesty Awareness and Conservation of environment Curiosity Confidence Decision Making	Environmental Awareness
7	August	HERON'S FORMULA	Interactive interaction, discussion, direct instruction and problem solving.	Critical Thinking Logical Thinking Higher order thinking Innovative mindset Problem solving	Patriotism and Nationalism
8	September	Revision	Interactive interaction, discussion, direct instruction, investigation and problem solving.	Reasoning/ logical thinking Critical Thinking Logical Thinking Higher order thinking	Discipline and Diligence
9	October	QUADRILATERALS AND AREAS AND PARALLELOGRAMS CONSTRUCTIONS	Interactive interaction, discussion, direct instruction, investigation and problem solving.	Creative Thinking Awareness and Conservation of environment	Diversity and Togetherness

				Curiosity Confidence Decision Making	
10	November	CIRCLES	Interactive interaction, discussion, direct instruction and problem solving.	Creative Thinking Curiosity Confidence Problem solving	Gender sensitivity
11.	December	SURFACE AREAS AND VOLUMES	Interactive interaction, discussion, direct instruction, investigation and problem solving.	Curiosity Confidence Long term vision Problem solving	Perseverance
12	January	STATISTICS	Interactive interaction, discussion, direct instruction, investigation and problem solving.	Decision making Confidence Discipline Awareness and Conservation of environment	Effective Communication
13	February	PROBABILITY	Interactive interaction, discussion, direct instruction, investigation and problem solving.	Punctuality Awareness and Conservation of environment Curiosity Problem solving	Efficient time management