

ARMY PUBLIC SCHOOL, MUMBAI (2018-2019)
STANDARD CURRICULUM

CLASS – VI

SUBJECT- MATH

<u>S.No.</u>	<u>Month</u>	<u>Lesson</u>	<u>Activity</u>	<u>Value/Skills</u>	<u>Core Value</u>
1	APRIL	Knowing our Numbers	To make Indian and international place value tables on chart and compare the values.	Effective Communication	Knowledge
2	MAY	Whole Numbers	Make a chart on Distributive Property of Multiplication over Addition/Subtraction.	Problem Solving Neatness in presentation	Environmental Sensitivity and awareness
3	JUNE	Playing with Numbers	'Card Making Activity' – Pupils will make small 'Thank You' cards for people who have helped them in some way. Teachers = 32 cards. Friends = 54 cards. Parents/Grandparents = 28 cards. Task – Find the HCF and LCM of the above numbers.	Appreciation and Gratitude.	Environmental Sensitivity and awareness
4	JULY	Basic Geometrical Ideas	Students will measure :- a) Length and width of Maths text book. b) The length of their pen. c) 3 more objects of their choice.	Team Work Skills of measuring correctly and accurately.	Positive attitude
5	AUG	Integers	Children are bright and colourful like a rainbow with seven colours. V – Vibrant I – Intelligent B – Beautiful G – Generous Y – Youthful O – Obedient R – Respectful Each alphabet represents the number of letters in its word, find out : $V - I + B - G + Y - O + R = ?$	Creativity Thinking Unity Togetherness Logical Thinking	National Pride and Scientific temper
6	AUG- SEP	Understanding Elementary Shapes	Students will measure: The sides and angles of the given triangles	Perseverance Skills of measuring correctly and accurately.	National Pride and Scientific temper
7	SEPT	Fractions	'How I Spent my Sunday?' Write the number of hours spent and what fraction it is of a day. Visiting Temple = 1 hour Meals = Studying = Sleeping =	Positive Attitude. Curiosity	Time Management

8	OCT	Decimals	Representation of decimals on the number line.	Time Management	Respecting differences
9	NOV	Data Handling	To find the "MEAN" marks of the class in Half Yearly exams in Maths	Togetherness	Health and wellness
10	DEC	Mensuration	Pupils will be shown samples of two sizes of wall/floor tiles. They will calculate the number of tiles needed to cover a specifically specified area of the class room.	Co-operation Analytical Collaborating and calculation skills Application of Concepts	Camaraderie
11	JAN	Ratio & Proportion	There are guests at your home. Make Lemonade for 6 people. The Recipe for 1 glass is give :- $\frac{1}{2}$ Lemon 10 g (2 teaspoons) of sugar 1 glass (200 ml) of water 2 cubes of ice a) How much is needed for 6 people (each item)? b) What is the ratio of 1 glass of water to 6 glasses?	Health and Wealth Togetherness Analytical skills	Self Direction
12	JAN	Symmetry	Students will be asked to make a sandwich. They will divide it into two halves and again divide it into two equal halves. They will check if they are symmetrical and then	Love and Respect Honesty Caring and sharing	Self Direction
13	FEB	Practical Geometry	To draw a perpendicular Bisector of a line segment by paper folding using a Tracing Paper.	Application of concepts learnt. Precision	Right conduct