

# ARMY PUBLIC SCHOOL, MUMBAI (2018-2019)

**CLASS III**

**STANDARD CURRICULUM**

**SUB: MATHEMATICS**

S. N.	Month	Chapter	Topic	Activities	Values/Skill	Core Value
1	APRIL MAY	L - 1.Recapitulation  L-2 Numbers and numbers name	*Revision of previous chapter questions. *Use of spike Abacus. *Numbers in words and figures. *Place value and face value. *Successor and Predecessor	*Fix missing hands according to the given time. * Solve the number puzzle by writing numbers in the crossword. *Colour the correct place value in the given number.	*Decision Making *Team work *Critical thinking *Effective communication	Knowledge
2	JUNE	L-3 Addition	*4-digit addition without and with regrouping. *Properties of addition. *Estimating the sum	*Hidden animals activity *Mental addition activity.	*Computation *Creative thinking *Environmental sensitivity and awareness *Curiosity	Environmental Awareness
3	JULY	L-4 Subtraction	*Subtraction of 4-digit numbers without and with regrouping. * Framing Word Problems. *Addition and subtraction together	*Frame your own word problems. * Lab activity based on Abacus.	*Problem solving *Creative thinking *logical thinking *Effective communication	Positive Attitude
4	AUG.	L- 5 Multiplication	*Multiplication with grouping and without regrouping. *Properties of multiplication. *Framing of	*Lab activity on multiplication.  *Multiplication game (Bingo)	*Creative thinking *innovative mind-set *Confidence *reasoning and logical thinking	National Pride Scientific temperament

		L- 6 Division	word problems(story writing) * Properties of division. *Division facts. *Simplification.	*Cross word puzzle on simplification.		
5	SEP.	L-7 Fractions	*Fraction as a part of whole. *representation of fraction. *Fraction as a part of collection. * Numerator and Denominator	* Lab activity (paper folding of different fractions) *Shading of given fractions *Pizza fraction activity.	*Team spirit *Problem solving *Positive outlook *Confidence *Teamwork *Accuracy	Time management
6	OCT	L-8 Money  L-9 Measurement - Length	*Writing Rupees and Paisa *Conversion of rupees and paisa *Addition, subtraction, multiplication and division of money.  *Conversion of units of length. *Addition and subtraction of units of length.	*Enact a scene at a restaurant (group activity). *Collect notes of different denominations. * Going shopping and making a bill of the items purchased  *Estimate the distance by looking at the map of a colony.	*Reasoning *Problem solving *Decision Making *Perseverance Creative thinking	Respecting differences
7	NOV.	L-10 Measurement – Mass  L-11 Measurement - Capacity	*Conversion of unit of mass. *Addition and subtraction of units of mass. **Conversion of unit of capacity. *Addition and subtraction of units of capacity.	*Student shopping bag(different food items) * Lab activity (mass)  * Make a Lemonade.	*Innovative mind set *Team work *Positive outlook *Health and awareness *Decision making.	Health & wellness

8	<b>DEC.</b>	L-12 Time	<ul style="list-style-type: none"> <li>*Units of time</li> <li>*Estimation of time</li> <li>*Conversion of time</li> <li>*The calendar</li> </ul>	<ul style="list-style-type: none"> <li>* Make a time table of your daily routine.</li> <li>*Prepare a calendar of 2018 and mark the important events, festivals, and national holidays.</li> <li>*Time Quiz: Recognizing and telling time on digital and analogue clock</li> </ul>	<ul style="list-style-type: none"> <li>*Self-awareness</li> <li>*Discipline</li> <li>*Time management</li> <li>*Reasoning and logical thinking.</li> <li>*Creativity thinking</li> <li>*Effective communication</li> </ul>	Camaraderie
9	<b>JAN.</b>	L-13 Geometry  L-14 Patterns	<ul style="list-style-type: none"> <li>*Description of basic shapes.</li> <li>*Drawing shapes</li> <li>*Plain and curved surfaces.</li> <li>*Mirror halves and mirror lines.</li> <li>*Geometrical &amp; number patterns</li> <li>*Addition properties of even and odd numbers.</li> </ul>	<ul style="list-style-type: none"> <li>*Lab activity(Paper folding and Geo board)</li> <li>* Using different geometrical shapes make a drawing/Picture.</li> <li>* Make patterns using geometrical shapes( craft paper, matchsticks )</li> </ul>	<ul style="list-style-type: none"> <li>*Problem solving</li> <li>*Discipline</li> <li>*Team work</li> <li>*Curiosity</li> <li>*Psychomotor skills</li> <li>*caring and sharing</li> </ul>	Self-direction
10	<b>FEB.</b>	L-15 Data Handling	<ul style="list-style-type: none"> <li>*Tally and vertical bars.</li> <li>*Pictograph</li> </ul>	<ul style="list-style-type: none"> <li>*Collect data of your classmates' hobbies and draw a pictograph.</li> </ul>	<ul style="list-style-type: none"> <li>*Curiosity</li> <li>*Self-awareness</li> <li>*Effective communication</li> <li>*Love and respect</li> </ul>	Right conduct