

## Annual &amp; Weekly Syllabus Split-Up - 2026-27

## CLASS VII

## Subject: Mathematics

S.No	Month	No. of Working Days	No. of Days	Topic	Sub Topic	Teaching Aids/Resources	Classroom teaching Video link	Activities	Art Integrated project	Pedagogy process / Teaching strategy	Chapterwise Notes link	Assessment		
1	APRIL	25	Week 1	4	<b>Part-1</b> - Ch.1 Large numbers around us.	Getting a feel of large numbers, Reading and writing numbers, land of tens,	Place value chart posters (Indian and International, Projector/slides showing population data.	<a href="https://www.youtube.com/watch?v=dRuXW2y72Ac&amp;list=PLIDIpFX6sBo368eE7oidbopMIloNpetAP">https://www.youtube.com/watch?v=dRuXW2y72Ac&amp;list=PLIDIpFX6sBo368eE7oidbopMIloNpetAP</a>	Population Comparison	Chart Preparation	Question Framing	<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c2">https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c2</a>	Project work(chart)	
			Week 2	6		Numbers of crores and crores , Exact and approximate values	Calculators (real or paper-based like Thoughtful Thousands, Creative Chitti)		Using Thoughtful Thousands, Tedious Tens, and Handy Hundreds to build numbers with button-press counts.					
						Patterns in Product, Exact and approximate values	Flashcards for rounding and estimation- Toothpicks or matchsticks for "Toothpick Digits" activity		Building Numbers (Chitti & Sippy, Indian vs International System					
			Week 3	5	Ch.8 Working with Fractions	5	Multiplication of Fractions	Fractional strips	<a href="https://www.youtube.com/watch?v=lvU3DAGhByo&amp;list=PLI2dBioyh2hNqX5Pfk28IzvZp8oHBZc">https://www.youtube.com/watch?v=lvU3DAGhByo&amp;list=PLI2dBioyh2hNqX5Pfk28IzvZp8oHBZc</a>	Multiply me	Lab Activity	Flip Learning	<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c5">https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c5</a>	Surprise test
							Simplifying to lowest form	Physical props	Order of fraction	Activity Method				
			Week 4	6		6	Some problems involving fractions	Math lab , Ganit udyan and Multimedia		Building fraction wall		Question Framing	<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c8">https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c8</a>	
							Fractional relations	Mind maps						
			Week 5	4	Ch.2 Arithmetic Expressions	4	Simple expressions ,	Math lab , Ganit udyan and Multimedia	<a href="https://www.youtube.com/watch?v=7UDnkcE1-KA">https://www.youtube.com/watch?v=7UDnkcE1-KA</a>	Tinker and Terms	Chart Preparation	Flip Learning		worksheet
							Comparing expressions.	Cards			<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c11">https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c11</a>			
			2	JUNE	20	Week 1	0							
Week 2	6	Periodic test -1				Revision for the exam Ch.1 and Ch. 8	Worksheets							
Week 3	6	Ch.2 Arithmetic Expressions				Reading and Evaluating complex expressions	Mind maps		Target number		Question Framing	<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c14">https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c14</a>		
Week 4	6					Brackets in Expressions								
Week 5	2	Ch. 3 A peek beyond the point				Need of small numbers , decimal place value,	Indian place value system	<a href="https://www.youtube.com/watch?v=c7T7ue811k">https://www.youtube.com/watch?v=c7T7ue811k</a>		Chart Preparation	Flip Learning		Orals	
3	JULY	27	Week 1	4		Conversion, Addition and Subtraction of decimals	Mind maps		Converting smaller units to larger units		Activity Method	<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c17">https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c17</a>		
			Week 2	6	Ch.4 Expressions using letter-Numbers	The notion of letter numbers, Simplification of algebraic expression	Mind maps	<a href="https://www.youtube.com/watch?v=mQWYdhLfD-U">https://www.youtube.com/watch?v=mQWYdhLfD-U</a>	Expression building activity	Lab Activity				
			Week 3	6		Relationships , Patterns , Addition and Subtraction			Match stick pattern					

			Week 4	6	Revision for Pre- Mid term	Ch. 2 and Ch. 3	Worksheets					<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e20">https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e20</a>	
			Week 5	5	Ch. 5 Parallel and Intersecting lines	Types of lines, Transversal, Types of angles	Set squares , Mind maps ,	<a href="https://www.youtube.com/watch?v=LoZS_B-3_z4">https://www.youtube.com/watch?v=LoZS_B-3_z4</a>			Activity Method		Activity
4	AUGUST	24	Week 1	1		Illusions	Virtual math games						
			Week 2	6	Ch. 7 A tale of 3 intersecting lines	Construction of Triangles, Types of Triangles and	Geometrical tools , Mindmap	<a href="https://www.youtube.com/watch?v=wRniuce6TY">https://www.youtube.com/watch?v=wRniuce6TY</a>		Chart Preparation	Question Framing	<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e23">https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e23</a>	
			Week 3	5		Properties of Triangles	Multimedia						
			Week 4	6	Ch.6 Number play	Magic Square, Virahanka numbers			3 x 3 square , guess my number				
			Week 5	5+1	Revision for Mid term	Ch. 1 to 8	Worksheets					<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e26">https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e26</a>	
5	SEPTEMBER	23	Week 1 & 2	5	<b>Term 1</b>								
			Week 3	5	<b>Part-2</b> Ch.1 Geometric Twins	Congruence of triangles	Multimedia , Mindmaps	<a href="https://www.youtube.com/watch?v=GsaRQL8Ht1E">https://www.youtube.com/watch?v=GsaRQL8Ht1E</a>	Meaning of congruence	Lab Activity	Flip Learning	<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e29">https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e29</a>	
			Week 4	5		Measuring of angles	Gometrical tools			Trace and Fit			
			Week 5	3	Ch.2 Operations with intergers	Addition and Subtraction of Integers	Visual tools, Math Math , Mindmaps			Token model		Activity Method	Question Framing
6	OCTOBER	25	Week 1	2		Multiplication of integers				Math pennant	Question Framing	<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e32">https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e32</a>	
			Week 2	6		Division of integers							
			Week 3	6	Ch.3 Finding common ground	Factors and Multiples	Visual tools, Math Math , Mindmaps	<a href="https://www.youtube.com/watch?v=YB5e40rgorE">https://www.youtube.com/watch?v=YB5e40rgorE</a>	Tiling the floor	Lab Activity	Flip Learning		Worksheet
			Week 4	5		Prime factorisation				School bell		<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e35">https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e35</a>	
			Week 5	5		HCF and LCM							
7	NOVEMBER	12	Week 1	0									
			Week 4	6	Periodic test-2	Revision of Ch. 1 ,2 and 3	Worksheets						
			Week 5	5+1	Ch.4 Another peek beyond the point	Multiplication of Decimal	Multimdea , Mind maps	<a href="https://www.youtube.com/watch?v=OlaFp8KJ5so">https://www.youtube.com/watch?v=OlaFp8KJ5so</a>	Shopping activity , Maths Quiz	Sketch Making	Question Framing	<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e41">https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e41</a>	Quiz
8	DECEMBER	21	Week 1	5		Division with Decimals	Math lab and Ganit udyan				Activity Method		
			Week 2	6	Ch.5 Connecting dots...	Representing Value, Mean , Mode and Median.	Multimdea , Mind maps			Race time			
			Week 3	6		Bar graph and Double bar graph.	Math lab and Ganit udyan			Marks of periodic test-2		<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e44">https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e44</a>	
			Week 4	4	Ch. 6 Construction with tilings	Construction of parallel and perpendicular lines.	Multimdea , Mind maps	<a href="https://www.youtube.com/watch?v=okik_s4ddHg">https://www.youtube.com/watch?v=okik_s4ddHg</a>	Eyes pattern	Sketch Making			worksheet
			Week 5	3		Angle bisection	Math lab and Ganit udyan			Tessellation			
			Week 1	0								<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e47">https://drive.google.com/file/d/1DxLNvYKJd3uq6Ypq4TAWqA3BkKhWQNQ/view?ts=69d478e47</a>	
			Week 2	6	Post Mid-term	Revsion of Ch. 4 and 5	Worksheets						

9	JANUARY	22	Week 3	5	Ch. 6 Construction with tilings	Construction of angles using rounder	Multimedia , Mind maps		Angle bisection			
			Week 4	6		Tangram and Tiling	Math lab and Ganit udyan		Maimonides' Tiling Challenge (Grid Tiling)	Sketch Making		<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c50">https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c50</a>
			Week 5	5		Arch Design	Geometrical tools				Question Framing	
10	FEBRUARY	23	Week 1	6	Ch.7 Finding the unknown	Solving equation systematically	Multimedia , Mind maps	<a href="https://www.youtube.com/results?search_query=Ch.7+Finding+the+unknown+mcq">https://www.youtube.com/results?search_query=Ch.7+Finding+the+unknown+mcq</a>	Guess my value		Activity Method	
			Week 2	6		Solving problems	Math lab and Ganit udyan		Create my own equation			<a href="https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c53">https://drive.google.com/file/d/1DxLNvYKJd3uq6iYpq4TAWqA3BkKhWQNQ/view?ts=69d478c53</a>
			Week 3	5		Mind the mistake ,mend the mistake						
			Week 4	6	Revision for annual exam.		Worksheets					
			Week 1	5								
11	MARCH	17	Week 2	6	Annual Examination							
			Week 3	6								
			Week 1	5								