

Annual & Weekly Syllabus Split-Up - 2026-27

Grade 6

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	Bridge course	Tables, Fundamental operations, Math Pyramids and Suduko	Math lab, Ganit udyan and Multimedia	<a href="https://www.youtube.com/watch?v=NGdpX8f_SoQ">https://www.youtube.com/watch?v=NGdpX8f_SoQ</a>	Math lab	Arts (Warli painting, Rangoli, Floor caprpet) History (Monuments) Science (Colours)	Recaptulations		
			Week 2	6	Ch-1 Patterns in Mathematics	Importance of mathematics, Pattern in numbers,	Math lab and Multimedia	<a href="https://www.youtube.com/watch?v=uH7myaGSdv4">https://www.youtube.com/watch?v=uH7myaGSdv4</a>	pattern by using match sticks		Discussion-based learning	<a href="https://drive.google.com/file/d/12uilbE U8W/CbdJ3I_uma7rMnMoS1EuHM/view?usp=sharing">https://drive.google.com/file/d/12uilbE U8W/CbdJ3I_uma7rMnMoS1EuHM/view?usp=sharing</a>	Worksheet
						Visualing number sequence,	Visualising tools					Questions from Text book	
			Week 3	5		Patterns in shapes,	Math lab and Multimedia	<a href="https://www.youtube.com/watch?v=v9j_JAlAwk">https://www.youtube.com/watch?v=v9j_JAlAwk</a>	Shapes pattern				
						Relation in number sequences	Pattern chart	<a href="https://www.youtube.com/watch?v=BNz3Kjsv6K4">https://www.youtube.com/watch?v=BNz3Kjsv6K4</a>					
			Week 4	6	Ch-2 Lines and Angles	Point, Line segment, Line, Ray,	Math park and Multimedia	<a href="https://diksha.gov.in/resources/play/collection/do_31411913082845593613731?contentId=do_31411911123700940813716">https://diksha.gov.in/resources/play/collection/do_31411913082845593613731?contentId=do_31411911123700940813716</a>	Math lab		Experiential learning	<a href="https://drive.google.com/file/d/1817LmNOEngteAtMNIkXaWYw7WVrggtUL/view?usp=sharing">https://drive.google.com/file/d/1817LmNOEngteAtMNIkXaWYw7WVrggtUL/view?usp=sharing</a>	Worksheet
						Angle, Comparing angles,		<a href="https://diksha.gov.in/resources/play/collection/do_31411913082845593613731?contentId=do_31411911123700940813716">https://diksha.gov.in/resources/play/collection/do_31411913082845593613731?contentId=do_31411911123700940813716</a>				Questions from Text book	
			Week 5	4		Making rotating arms, Special types of angles,	Math lab and Multimedia	<a href="https://www.youtube.com/watch?v=FICNvhcdeKo">https://www.youtube.com/watch?v=FICNvhcdeKo</a>	Shape and Angle Investigation				
						Measuring angles, Drawing angles.							
						Types of angles and their measures.		<a href="https://www.youtube.com/watch?v=lxkqjc3P40E">https://www.youtube.com/watch?v=lxkqjc3P40E</a>	Angle formation by body parts				
2	JUNE	20	Week 1	0									
			Week 2	6	Periodic Test - 1	Revision of Ch-1 and 2	Worksheets						
			Week 3	6	Ch-3 Number play	Numbers can tell us things, Supercells, Patterns of numbers on the number line, Playing with digits	Math lab and Multimedia	<a href="https://www.youtube.com/watch?v=ggcmwNtm0qo">https://www.youtube.com/watch?v=ggcmwNtm0qo</a>	Place Value Chart Activity		Collaborative learning	<a href="https://drive.google.com/file/d/1Aq8Y918d7pUI_FvQ3O3Tcd4YsNRWLxdU/view?usp=sharing">https://drive.google.com/file/d/1Aq8Y918d7pUI_FvQ3O3Tcd4YsNRWLxdU/view?usp=sharing</a>	Worksheet
			Week 4	6		Pretty Palindromic Patterns, The magic number of Kaprekar, Clock and Calendar numbers	Math lab and Multimedia		To verify that addition of whole numbers is commutative				Questions from Text book
			Week 5	2		Mental Math, Playing with number patterns.	Ganit udyan and Multimedia	<a href="https://www.youtube.com/watch?v=08B11l6slq0">https://www.youtube.com/watch?v=08B11l6slq0</a>	Ganit udyan				
			Week 1	4		An unsolved mystery, Simple estimation, Games and winning strategies.	Ganit udyan and Multimedia						

3	JULY	27	Week 2	6	Ch-4 Data Handling and Presentation	Collecting and Organising data , Pictographs , Bar graphs, Drawing a bar graph ,	Ganit udyan and Multimedia	<a href="https://www.youtube.com/watch?v=CAFIgO4_jNw">https://www.youtube.com/watch?v=CAFIgO4_jNw</a>	Pictorial Representation of Data		Experiential learning	<a href="https://drive.google.com/file/d/1IPOXXKqmihSgCuW0ZMz2WcPbFG7_LCq/view?usp=sharing">https://drive.google.com/file/d/1IPOXXKqmihSgCuW0ZMz2WcPbFG7_LCq/view?usp=sharing</a>	Worksheet	
			Week 3	6		Drawing a bar graph , Artistic and Aesthetic considerations	Math lab , Ganit udyan and Multimedia		Math lab				Questions from Text book	
			Week 4	6	Revision for Pre Mid term Exam	Ch-3 and 4	Worksheets							
			Week 5	5	Ch- 5 Prime Time	Common multiples and common factors ,	Ganit udyan and Multimedia	<a href="https://www.youtube.com/watch?v=Ldx1BBmTsF0">https://www.youtube.com/watch?v=Ldx1BBmTsF0</a>	Prime and Composite Numbers Identification	HCF and LCM on Number charts.	Problem-solving approach	<a href="https://drive.google.com/file/d/1O3a5Ky9GwWijqmaegggG3GhFyV9bWna/view?usp=sharing">https://drive.google.com/file/d/1O3a5Ky9GwWijqmaegggG3GhFyV9bWna/view?usp=sharing</a>	Worksheet	
4	AUGUST	24	Week 1	1		Divisibility tests	Ganit udyan and Multimedia	<a href="https://www.youtube.com/watch?v=SkYBba2tCek">https://www.youtube.com/watch?v=SkYBba2tCek</a>	Divisibility Rules Game				Questions from Text book	
			Week 2	6		Prime numbers , Co-prime numbers , Prime factorisation		<a href="https://www.youtube.com/watch?v=IRNG3PPCnxs">https://www.youtube.com/watch?v=IRNG3PPCnxs</a>	Prime bingo					
			Week 3	5		Divisibility tests , Funwith numbers			Factor trees					
			Week 4	6	Revision for Mid term	Ch-1,2,3,4 and 5	Worksheets							
			Week 5	5+1		Ch-1,2,3,4 and 5								
5	SEPT EMBER	23	Week 1	5	Term 1									
			Week 2	6										
			Week 3	5	Ch-6 Perimeter and Area	Perimeter ,	Math lab and Multimedia	<a href="https://www.youtube.com/watch?v=LoaBd-sPzkU">https://www.youtube.com/watch?v=LoaBd-sPzkU</a>	Exploring the Perimeter of Different Shapes		Demonstration method	<a href="https://drive.google.com/file/d/1ML7PQP5pimsFreOUF7uq17NbfRR3JcSd/view?usp=sharing">https://drive.google.com/file/d/1ML7PQP5pimsFreOUF7uq17NbfRR3JcSd/view?usp=sharing</a>	Worksheet	
			Week 4	5		Area	Math lab and Multimedia	<a href="https://www.youtube.com/watch?v=vBR2xNAGmo">https://www.youtube.com/watch?v=vBR2xNAGmo</a>	Area of Square and Rectangle with Paper				Questions from Text book	
6	OCTOBER	25	Week 1	2		Splitting the figure		<a href="https://www.youtube.com/watch?v=yEZt_kvNMgw">https://www.youtube.com/watch?v=yEZt_kvNMgw</a>						
			Week 2	6	Ch-7 Fractions	Fractional units and equal shares , Fractional units as a part of a whole , measuring using fractional units	Multimedia				Lecture method with interaction	<a href="https://drive.google.com/file/d/19Db4t6mcRjYXulhOy-C42vMMsUg2kLBK/view?usp=sharing">https://drive.google.com/file/d/19Db4t6mcRjYXulhOy-C42vMMsUg2kLBK/view?usp=sharing</a>	Worksheet	
			Week 3	6		Marking fraction lengths of the number line , Mixed fractions , Equivalent fractions	Math lab and Multimedia		Fractional Art				Questions from Text book	
			Week 4	5		Comparing fractions , Addition of fractions Subtraction of fraction , A pinch of History	Math lab and Multimedia	<a href="https://www.youtube.com/watch?v=LR2SOTOJmc&amp;list=RDLR2SOTOJmc&amp;start_radio=1">https://www.youtube.com/watch?v=LR2SOTOJmc&amp;list=RDLR2SOTOJmc&amp;start_radio=1</a>	Fraction Number Line					
			Week 5	5		Subtraction of fraction , A pinch of History	Multimedia		Math lab					
7	NOVEMBER	12	Week 1	0										
			Week 2	0										
			Week 3	0										
			Week 4	6	Periodic test-2	Revision of Ch. 5 and 6	Worksheets							

	R		Week 5	5+1	Ch-9 Symmetry	symmetry , Types of symmetry	Math lab and Multimedia	<a href="https://www.youtube.com/watch?v=75wN3SRkWPpA">https://www.youtube.com/watch?v=75wN3SRkWPpA</a>	Math lab		<a href="https://drive.google.com/file/d/1pcz9qv1n5eQp6xU-s_IANLCRasi9pyrs/view?usp=sharing">https://drive.google.com/file/d/1pcz9qv1n5eQp6xU-s_IANLCRasi9pyrs/view?usp=sharing</a>	Worksheet
8	DECEMBER	21	Week 1	5		Line of symmetry ,	Math lab and Multimedia		Math lab			Questions from Text book
			Week 2	6		Rotational symmetry	Multimedia		Math lab			
			Week 3	6	Ch- 8 Playing with Contructions	Art work , Square and rectangles	Multimedia	<a href="https://www.youtube.com/watch?v=xjE25NSf9tk">https://www.youtube.com/watch?v=xjE25NSf9tk</a>	Math lab	Experiential learning	<a href="https://drive.google.com/file/d/11c3eXPSxm7RxGaqeZ96HqdstUIVURYI/view?usp=sharing">https://drive.google.com/file/d/11c3eXPSxm7RxGaqeZ96HqdstUIVURYI/view?usp=sharing</a>	Worksheet
			Week 4	4		Constructing squares and rectangles	Math lab and Multimedia		Drawing Shapes with String or Thread			Questions from Text book
			Week 5	3		Constructing squares and rectangles	Multimedia		Shape and Angle Investigation			
9	JANUARY	22	Week 1	0								
			Week 2	6	Revision for Post Mid-term	Revsion of Ch. 9 and 8	Worksheets					
			Week 3	5	Ch-10 The otherside of Zero	Bela's building of fun , The token model	Math lab and Multimedia	<a href="https://www.youtube.com/watch?v=sJTnZxbnuls">https://www.youtube.com/watch?v=sJTnZxbnuls</a>	Integer Number Line	Problem-solving approach	<a href="https://drive.google.com/file/d/1rpWomPio1gGJQf-xHHmw_rv2x-Lc_QYA/view?usp=sharing">https://drive.google.com/file/d/1rpWomPio1gGJQf-xHHmw_rv2x-Lc_QYA/view?usp=sharing</a>	Worksheet
			Week 4	6		Integers in other places , Exploration with integers	Math lab and Multimedia		Integer Card Game			Questions from Text book
			Week 5	5		A pinch of history	Worksheets	<a href="https://www.youtube.com/watch?v=tALP1YGoF3I">https://www.youtube.com/watch?v=tALP1YGoF3I</a>	Math lab			
10	FEBRUARY	23	Week 1	6	Revision for Annual exam	Ch- 4 to 10	Worksheets					
			Week 2	6			Worksheets					
			Week 3	5			Worksheets					
			Week 4	6			Worksheets					
			Week 5	NA								
11	MARCH	17	Week 1	5	Annual Examination							
			Week 2	6								
			Week 3	6								
			Week 4	5								
			Week 5	3								