

Class VII (2018-19)

Mathematics

Fortnight Syllabus

S. No.	Fortnights	No of days	Topic	Sub Topics	Periods	Total No. of Periods	Assignment Date	Monday Test & Syllabus	Activity
1	2nd April 2018 to 13th April 2018	11	Chapter - 1 : Integers	Addition of Integers	3	15			
				Multiplication of integers	3				
				Division of Integers	3				
				Ass. Booklet CH - 1 Including Extended Learning	2				
			Chapter – 2: Fractions & Decimals	Addition, Comparison of Fractions	2				
				Multiplication of Fractions	2				
2	16th April 2018 to 27th April 2018	11	Chapter – 2: Fractions & Decimals (contd.)	Division of Fractions	3	15			Activity 1 - Based on multiplication of fractions
				Addition, subtraction of Decimals	3				
				Multiplication of Decimals	2				
				Division of Decimals	3				
				Ass. Booklet CH - 2 Including Extended Learning	3				
				Activity 1	1				

S. No.	Fortnights	No of days	Topic	Sub Topics	Periods	Total No. of Periods	Assignment Date	Monday Test & Syllabus	Activity
3	1st May 2018 to 18th May 2018	14	Chapter - 4: Simple equations	Mathematical expressions	3	19			
				Solving and checking of linear equations	4				
				Framing of simple equations and their solutions	5				
				Ass. Booklet CH - 4 Including Extended Learning	2				
			Chapter - 15 : Visualizing Solid Shapes	Oblique ,Isometric Shapes	1				
				Nets for buildings 3D shape	2				
				Ass. Booklet CH - 15 Including Extended Learning	2				
PTM on 12th May 2018									
SUMMER VACATIONS FROM 19th MAY to 1ST JULY 2018									

Activity 2: Net of cube and cuboid and their oblique sketches (Summer Vacation)

4	2nd July 2018 to 13th July 2018	10	Chapter – 5 : Lines & Angles	Complementary Angles	3	14	10.07.2018 Term 1 Assignment 1 Cycle 1 from Chapter 1, 4		
				Supplementary Angles	3				
				Vert. opp. Angles , Adjacent Angles, Linear Pair	8				

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5	16th July 2018 to 31st July 2018	13	Chapter – 5 : Lines & Angles (contd.)	Revision for Weekly Test on 23.07.2018	4	18		Periodic Assessment - 1 on 23.07.2018 Syllabus Chapter - 1, 4	
				Parallel Lines axiom	7				
				Ass. Booklet CH - 5 Including Extended Learning	3				
			Chapter - 6 The Triangles and its properties	Median and altitude of triangle	4				
6	1st Aug 2018 to 18th Aug 2018	13	Chapter – 6 : The Triangle and its Properties (contd.)	Isosceles Triangle Property	2	18	09.08.2018 Term 1 Assignment 2 Cycle 1 from Chapter 5, 6		Activity 3 : Activity based on Angle Sum Property of a triangle
				Exterior Angle Property	2				
				Angles Sum Property	3				
				Triangle Inequality Property	3				
				Pythagoras Property	3				
				Ass. Booklet CH - 6 Including Extended Learning	3				
				Activity 3	2				
7	20th Aug 2018 to 4th Sept 2018	10	Chapter – 3 : Data Handling	Mean, Median, Mode	4	14			Activity 4 : To compare the marks obtained in MT by 2 students by drawing Double Bar Graph
				Double Bar Graph	4				
				Chance and Probability	3				
				Ass. Booklet CH - 3 Including Extended Learning	2				
				Activity 4	1				

Completion of Syllabus on 4th Sep 2018

S. No.	Fortnights	No of days	Topic	Sub Topics	Periods	Total No. of Periods	Assignment Date	Monday Test & Syllabus	Activity
	6th Sep to 11th Sep 2018	5	Revision			7			
Mid Term Exams from 12th Sept. 2018 - 22nd Sept. 2018									
PTM on 13th Oct. 2018									
8	24th Sept. 2018 to 17th Oct. 2018	17	Chapter - 8: Comparing Quantities	Ratio, Proportion, Unitary method	3	23	17.10.2018 Term 2 Assignment 1 Cycle 2 from Chapter - 8, 7 (till SSS congruence)		Activity 5: Activity based on applications of percentages
				Use of Percentages	3				
				Profit & Loss	4				
				Simple Interest	4				
				Ass. Booklet CH - 8 Including Extended Learning	2				
				Activity 5	2				
			Chapter – 7 : Congruence of Triangles	Introduction to Congruence	2				
				SSS CONG	3				
Dusshera Break 18th Oct. 2018 to 21st Oct. 2018									

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9	22nd Oct. to 3rd November	10	Chapter – 7 : Congruence of Triangles (contd.)	SAS CONG	3	14			
				ASA CONG	3				
				RHS CONG	3				
				Applications	3				
				Ass. Booklet CH - 7 Including Extended Learning	2				
Diwali Break 5th Nov. 2018 to 11th Nov. 2018									
10	12th Nov. 2018 to 30th Nov. 2018	13	Chapter - 9: Rational Numbers	Introduction of Rational numbers Equivalent Rational numbers, Comparison of rational nos.	2	18	20.11.2018 Term 2 Assignment 2 Cycle 2 from Chapter - 7,8	Periodic Assessment 2 on 30.11.2018 Syllabus Chapter - 7, 8	
				Representation of Rational numbers on number line	1				
				Addition and Subtraction of Rational numbers	2				
				Multiplication of rational numbers	3				
				Division of rational numbers	3				
				Ass. Booklet CH - 9 Including Extended Learning	3				
				Revision for Weekly Test on 30.11.2018	4				

S. No.	Fortnights	No of days	Topic	Sub Topics	Periods	Total No. of Periods	Assignment Date	Monday Test & Syllabus	Activity
11	3rd Dec. 2018 to 15th Dec. 2018	11	Chapter – 10 : Practical Geometry	Construction of Parallel lines	2	15			
				Construction of Triangle based on SSS criterion	2				
				Construction of triangles based on SAS criterion	3				
				Construction of triangles based on ASA criterion	3				
				Construction of triangles based on RHS criterion	3				
				Ass. Booklet CH - 10 Including Extended Learning	2				
12	17th Dec. 2018 to 29th Dec. 2018	10	Chapter - 13 : Exponents	Introduction to Exponential Form	3	14			
				Laws of exponents, Simplification	5				
				Standard Form	3				
				Ass. Booklet CH - 13 Including Extended Learning	3				
13	10th Jan 2019 to 25th Jan 2019	12	Chapter – 11 : Perimeter and Area	Perimeter of rectangle, square	2	16			Activity 6 : Activity based on area of parallelogram
				Area of Rectangle, square	2				
				Area of Parallelogram, triangle	4				
				Circumference and Area of Circle	6				
				Activity 6	2				

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14	28th Jan 2019 to 8th Feb 2019	10	Chapter – 11 : Perimeter and Area (contd.)	Area of Path, Crossroads	5	14			
				Ass. Booklet CH - 11 Including Extended Learning	2				
			Chapter –12: Algebraic Expressions	Types of polynomials, Coefficients of a term	3				
				Terms & factors through tree diagram	2				
				Like & Unlike terms	2				
15	11th Feb 2019 to 20th Feb 2019	9	Chapter –12: Algebraic Expressions (contd.)	Addition and Subraction of Algebraic Expression	3	12			
				Finding Value of expression	2				
				Ass. Booklet CH - 12 Including Extended Learning	2				
			Chapter - 14: Symmetry	Lines of symmetry	1				
				Regular polygons	1				
				Rotational symmetry	2				
				Ass. Booklet CH - 12 Including Extended Learning	1				
Completion of Syllabus by 20th February 2019									
	21st Feb 19 - 28th Feb 2019	7	Revision			9			
Annual Exams from 1st March 2019 -15th March 2019									
PTM on 29th March 2019 for class VII									
New session to begin on 1st April 2019									