

CLASS VIII (2018 -2019)
MATHEMATICS
SPLIT- UP SYLLABUS

CALENDER	WORKING DAYS		CHAPTER	CONTENTS	INDIVIDUAL ACTIVITY /PROJECT
April 2 – 15	11		1	Rational Numbers	Multiplication of Rational Numbers
April 16 – 30	12		2	Linear Equations in One Variable	To solve a simple linear equation by activity method.
			3	Understanding Quadrilaterals	
MAY 1 -11	10		3(continue)	Understanding Quadrilaterals	To verify that sum of four angles of a quadrilateral.
			4	Practical Geometry	
SUMMER VACATION FROM 12th MAY 2018 TO 1st JULY 2018					
CALENDER	WORKING DAYS		CHAPTER	CONTENTS	INDIVIDUAL PROJECT
JULY 2 – 15	11		4(continue)	Practical Geometry	
			Revision for PT-I		
JULY 16 – 31	14		5	Data Handling	To learn to organize data and represent it usefully.

PERIODIC TEST – I 16 JULY ONWARDS

SYLLABUS FOR PERIODIC TEST-I

Chapter 1, 2, 3

Mode of Internal Assessment (20 Marks)

- 1. Periodic Test-I 40 Marks → Condensed to 10 Marks**
- 2. Note Book Submission 5 Marks**
- 3. Lab Practical Work 5 Marks**

CALENDER	WORKING DAYS		CHAPTER	CONTENTS	INDIVIDUAL PROJECT
AUG 1 - 15	11		6	Squares and Square Roots	-----
			7	Cubes and Cube Roots	
Aug 16-31	13		7(continue)	Cubes and Cube Roots	
			8	Comparing Quantities	To find the percentage of students of class VIII who scored more marks in Mathematics.
SEP 1 – 15	12		9	Algebraic Expressions and Identities	To verify the algebraic identity: i) $(a+b)^2 = a^2 + 2ab + b^2$ ii) $(a-b)^2 = a^2 - 2ab + b^2$ iii) $(a^2 - b^2) = (a+b)(a-b)$
SEP 16 -30	11		Revision for Half Yearly Examination		

HALF YEARLY EXAMINATION – 26TH SEP ONWARDS**SYLLABUS FOR HALF YEARLY EXAM :-** Chapters 1, 2, 3, 4, 5, 6, 7 and 8**Making scheme for HALF YEARLY EXAM**

SECTION - A : 1 x 6 = 6 Marks

SECTION - B : 2 x 6 = 12 Marks

SECTION - C : 3 x 10 = 30 Marks

SECTION - D : 4 X 8 = 32 Marks

TOTAL 30 QS = 80 Marks

MODE OF ASSESSMENT for Term-I**Mode of Internal Assessment (20 Marks)****Periodic Test-I → 10 Marks****Note Book Submission → Average of P.T-I & Half yearly → 5 Marks****SEA → Average of P.T-I & Half yearly → 5 Marks****Half Yearly Exam → 80 Marks**

TOTAL= 100 Marks

CALENDER	WORKING DAYS		CHAPTER	CONTENTS	INDIVIDUAL PROJECT
OCT 7-15	7		10	Visualising Solid Shapes	Making of cuboid by drawing its net.

AUTUMN BREAK FROM 15th OCT 2018 TO 24TH OCT 2018

CALENDER	WORKING DAYS		CHAPTER	CONTENTS	INDIVIDUAL PROJECT
OCT 25-31	6		11	Mensuration	To verify that the area of a trapezium is equal to half the product of sum of parallel sides and its altitude by using paper folding, cutting and pasting.
NOV 1 - 15	8		11(continue)	Mensuration	
NOV 16 - 30	11		12 13	Exponents and Powers Direct and Inverse Proportion	-----
DEC 1 - 15	13		13(CONTINUE)	Revision for PT-2	

PERIODIC TEST – II FROM 3 DEC 2018 ONWARDS**SYLLABUS FOR PERIODIC TEST-II****Chapter ,9,10,11 and 12****Mode of Internal Assessment (20 Marks)**

1. Periodic Test-I 40 Marks → Condensed to 10 Marks
2. Note Book Submission 5 Marks
3. Lab Practical Work 5 Marks

DEC 16 – 22	6		14	Factorisation	
WINTER BREAK: 26 DEC 2018 TO 4 JAN 2019					
JAN 5 – 15, 2019	7		14(Continue) 15	Factorisation Introduction to Graphs	-----
JAN 16 – 31, 2019	13		15(Continue) 16	Introduction to Graphs Playing with Numbers	-- To learn to use the test of divisibility of a number by 1,2,3,4,5,6,7,8,9 and 10

FEB 1 - 15, 2019	12		Revision for Final Exam		
FEB 16 - 28, 2019	11		Revision for Final Exam	Revision for Annual Exam and Evaluation	--
MAR 1 - 15, 2019	11		Final Exam		
MAR 16 - 31, 2019	12		Evaluation		

FINAL EXAM : 5TH MAR 2019 ONWARDS	
SYLLABUS FOR ANNUAL EXAM :- Chapters 2,6,8,9,10,11,12,13,14,15 and 16	
<u>Making scheme for ANNUAL EXAM</u>	
SECTION - A :	1 x 6 = 6 Marks
SECTION - B :	2 x 6 = 12 Marks
SECTION - C :	3 x 10 = 30 Marks
SECTION - D :	4 X 8 = 32 Marks
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TOTAL	30 QS = 80 Marks
<u>MODE OF ASSESSMENT TERM-II</u>	
<u>Mode of Internal Assesment(20M)</u>	
1. Written Test Periodic Test II:	10 Marks
2. Note Book Submission :	5 Marks (Average of Periodic Test II and Final Exam)
3. SEA:	5 Marks (Average of Periodic Test II and Final Exam)
4. Annual Exam:	80 Marks
Total=	100Marks