

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

CALENDER	WORKING DAYS		CHAPTER	CONTENTS	INDIVIDUAL ACTIVITY/PROJECT
April 2 – 15	11		1	Number system	1. Square Root Spiral (2-10) by Paper folding activity 2. To divide line segment of given length in n equal parts practically 3. Factorization of quadratic Polynomial
April 16 – 30	12		2	Polynomials	
MAY 1 -11	10		2(continue)	Polynomials	
			5	Euclid’s Geometry	
SUMMER VACATION FROM 12th MAY 2018 TO 1st JULY 2018					
CALENDER	WORKING DAYS		CHAPTER	CONTENTS	INDIVIDUAL PROJECT
JULY 2 – 15	11		6	Lines and Angles	4. To verify ASP of triangle. 5. To verify exterior angle property of \triangle .
JULY 16 – 31	14		7 and revision for PT 1	Triangles	

PERIODIC TEST – I 16 JULY ONWARDS

SYLLABUS FOR PERIODIC TEST-I

Chapter 1, 2, 5 and 6

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		7 (continue)	Triangles	
			12	Heron’s formula	
Aug 16-31	13		3	Coordinate Geometry	Image of a figure with respect to x-axis
			4	Linear Equations in two variables	
SEP 1 – 15	12		8	Quardilaterals	1. To verify ASP OF Quadrilaterals 2. To verify diagonal property of a parallelogram 3. To construct a parallelogram using paper - folding activity. 4. Verification of Mid- Point theorem
SEP 16 -30	11		9 and revision for half yearly	Area	5. Area of parallelogram

HALF YEARLY EXAMINATION – 26TH SEP ONWARDS

SYLLABUS FOR HALF YEARLY EXAM :- Chapters 1, 2, 3, 4, 5, 6, 7 and 12

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

Mode of Internal Assessment (20 Marks)

1. Half Yearly Exam 80 Marks → Condensed to 10 Marks
2. Note Book Submission 5 Marks
3. Lab Practical Work 5 Marks

CALENDER	WORKING DAYS		CHAPTER	CONTENTS	INDIVIDUAL PROJECT
OCT 1-12	10		9 (continue) Revision for Half Yearly	Area	

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

CALENDER	WORKING DAYS		CHAPTER	CONTENTS	INDIVIDUAL PROJECT
OCT 25-31	6		10	Circles	10. Angles subtended by an arc at the centre and at any point on the remaining part of the circle 11. Angles in the same segment of a circle. 12. Angle in a semicircle, major segment and minor segment. 13. Opposite angles of a cyclic quadrilateral.
NOV 1 - 15	8		10(continue)	Circles	DO
NOV 16 - 30	11		11 13	Construction Menstruation: Surface area and volumes	
DEC 1 - 15	13		13(CONTINUE)	Revision for PT-2	

PERIODIC TEST – II FROM 3 DEC 2018 ONWARDS

SYLLABUS FOR PERIODIC TEST-II

Chapter 8,9,10 and 11

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	8	14	Statistics	
WINTER BREAK: 26 DEC 2018 TO 4 JAN 2019					
JAN 5 – 15, 2019	7		14	(Continue)	Data collection of strengths of classes 1 to 5 and 6-12 and presentation through Pie Chart and Bar graph.
JAN 16 – 31, 2019	13		15	Probability Revision for Pre-Final Exam	--

PRE-FINAL EXAM FROM 4 FEB 2019 ONWARDS

SYLLABUS FOR PRE-FINAL EXAM= 100%

Chapter 1 TO 15

Marking Scheme (As per Half Yearly Exam)

FEB 1 - 15, 2019	12		1 st Pre-board		
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 1 TO 15

Making scheme for ANNUAL 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

- 1. Written Test (Average of Best Two of Periodic Tests and Half Yearly) → 10 Marks**
- 2. Note Book Submission 5 Marks (Average of Best Two of Periodic Tests and Half Yearly)**
- 3. Lab Practical Work 5 Marks (Average of Best Two of Periodic Tests and Half Yearly)**

COURSE STRUCTURE - IX (As Per CBSE)

Units	Unit Name	Chapters
I	Number Systems	<u>Real Numbers</u>
II	<u>Algebra</u>	i) <u>Polynomial</u> ii) <u>Linear Equation in two variables</u>
III	<u>Coordinate Geometry</u>	<u>Coordinate Geometry</u>
IV	<u>Geometry</u>	i) <u>Introduction to Euclid's Geometry</u> ii) <u>Lines and angles</u> iii) <u>Triangles</u> iv) <u>Quadrilateral</u> v) <u>Area</u> vi) <u>Circles</u> vii) <u>Constructions</u>
V	<u>Mensuration</u>	i) <u>Areas (Heron's formula)</u> ii) <u>Surface area and volumes</u>
VI	<u>Statistics and Probability</u>	i) <u>Statistics</u> ii) <u>Probability</u>
TOTAL		