



Sir Padampat Singhania Education Centre
Kamla Nagar, Kanpur

Lesson Plan
Session 2026 - 2027
Class: VIII

Subject: Mathematics

Book: M.L. Agarwal

Subject Coordinator

Name: Ms. RITU AGARWAL

Head of Department

Name: MOHD. ABID



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Yearly Syllabus/Planning overview **Session: 2026 - 2027,**

Subject : Mathematics

Class : VIII
No of Active period : 162

Month	Assessed in	Lesson/s to be covered	Period Count
April	PT 1/Half yearly	Squares and Square Roots, Cube and Cube Roots	(13),(8)
May	Half yearly	Exponents and Powers	13
July	Half yearly	Story Of Numbers	3
July	Half yearly	Percentage, Compound Interest	(11),(9)
August	Half yearly	Ratio and Proportion	13
August	Half yearly	Data Handling	12
September	Half Yearly	Revision	
October	PT 2/Annual	Algebraic expressions and Identities	14
October	Annual	Algebra Play	7
November	PT 2/Annual	Linear equations in One variable	11
November	Annual	Understanding Quadrilaterals	12
December	Annual	Construction of Quadrilaterals	9

December	Annual	Baudhayana Pythagoras Theorem	6
January	Annual	Mensuration	12
January	Annual	Exploring Some Geometric Themes	9
February	Annual	Model paper and Revision	



Sir Padampat Singhanian Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026- 2027

Subject : Mathematics
Class : VIII

WEEK 1: 2/4/26 to 4/4/26		Period Count: 1	
PD1	General discussion		
PD2	Good Friday		
PD3	Holiday		
WEEK 2: 06/4/26 to 11/4/26		Period Count: 5	
PD1	Introduction to Squares		
PD2	Ex 1.1 Discussion		

PD3	Properties of squares		
PD4	Interesting patterns		
PD5	Ex 1.2 Discussion		
PD6	Second Saturday		
WEEK 3: 13/4/26 to 18/4/26		Period Count: 5	
PD 1	Introduction to Square roots		
PD2	Ambedkar Jayanti		
PD3	Ex 1.3 Discussion		
PD4	Problem Discussion		
PD5	Square roots by long division		
PD6	Ex 1.4 Discussion		
Week 4: 20/4/26 to 25/4/26		Period Count: 6	
PD1	Learning Outcome		
PD2	Introduction to cubes and it's properties,		
PD 3	Ex 2.1 Discussion		
PD 4	Cube roots and it's properties		
PD5	Ex 2.2 Discussion		
PD6	Problem Discussion		

Week 5: 27/4/26 to 2/5/26		Period Count: 5	
PD1	Objective and MCQ, A/ R		
PD 2	Case study and check your progress		
PD 3	Work book		
PD 4	Surprise test		
PD 5	Buddha Purnima		
PD 6	Problem Discussion		
Week 6: 4/5/26 to 9/5/26		Period Count: 6	
PD 1	Introduction to Exponents and powers, ex 4.1		
PD2	Ex. 4.1 continued		
PD3	Laws of exponents, Ex 4.2		
PD4	Ex 4.2 continued		
PD5	Powers with negative exponent, Ex 4.3		
PD6	Ex 4.3 continued		

Week 7: 11/5/26 to 16/5/26		Period Count: 2	
PD 1	Ex 4.4 Discussion		
PD 2	MCQ, A/ R, case study questions		
PD 3	Summer Break		

PD 4	Summer Break		
PD 5	Summer Break		
PD 6	Summer Break		
WEEK 08: 18/5/26 to 23/5/26			Period Count: 00
PD 1	Summer Break		
PD 2	Summer Break		
PD 3	Summer Break		
PD 4	Summer Break		
PD 5	Summer Break		
PD 6	Summer Break		
WEEK 09: 25/5/26 to 30/5/26			Period Count: 00
PD 1	Summer Break		
PD 2	Summer Break		
PD 3	Summer Break		
PD 4	Summer Break		
PD 5	Summer Break		
PD 6	Summer Break		
WEEK 10: 1/6/26 to 6/6/26			Period Count: 00

PD 1	Summer Break		
PD 2	Summer Break		
PD 3	Summer Break		
PD 4	Summer Break		
PD 5	Summer Break		
PD 6	Summer Break		
WEEK 11: 8/6/26 to 13/6/26		Period Count: 00	
PD 1	Summer Break		
PD 2	Summer Break		
PD 3	Summer Break		
PD 4	Summer Break		
PD 5	Summer Break		
PD 6	Summer Break		
WEEK 12: 15/6/26 to 20/6/26		Period Count: 00	
PD 1	Summer Break		
PD 2	Summer Break		
PD 3	Summer Break		
PD 4	Summer Break		

PD 5	Summer Break		
PD 6	Summer Break		
WEEK 13: 22/6/26 to 27/6/26		Period Count: 00	
PD 1	Summer Break		
PD 2	Summer Break		
PD 3	Summer Break		
PD 4	Summer Break		
PD 5	Summer Break		
PD 6	Summer Break		
WEEK 14: 29/6/26 - 04/7/26		Period Count: 04	
PD 1	Summer Break		
PD 2	Summer Break		
PD 3	Introduction to Percentage. Ex 6.1		
PD 4	Ex 6.1 continued		
PD 5	Profit and Loss formula, Ex 6.2		
PD 6	Es 6.2 continued		
Week 15: 6/7/26 to 11/7/26		Period Count: 5	
PD 1	Introduction to Discount, ex 6.3		

PD 2	Ex 6.3 continued		
PD 3	Goods and service Tax, ex 6.4		
PD 4	Objective questions, MCQ,		
PD 5	A/R, case study , Surprise Test		
PD 6	Holiday (Second Saturday)		
Week 16: 13/7/26 to 18/7/26		Period Count: 6	
PD 1	Introduction to Story of Numbers		
PD 2	Activity based on the chapter “ Story of Numbers"		
PD 3	Doubt Clearing session		
PD 4	Introduction to Compound Interest, Ex 7,1		
PD 5	Compound Interest by using the formula, ex 7.2		
PD 6	Ex 7.2 continued ...		
Week 17: 20/7/26 to 25/7/26		Period Count: 6	
PD 1	Application of Compound Interest, Ex 7.3		
PD 2	Surprise Test		
PD 3	Objective questions, MCQ,		
PD 4	A/ R , case study questions		
PD 5	Work book of Percentage		

PD 6	Work book of Compound Interest		
Week 18: 27/7/26 to 1/8/26		Period Count: 6	
PD 1	Work book of Compound Interest		
PD 2	Work book of Profit and Loss		
PD 3	Problem Discussion		
PD 4	Introduction to Ratio and Proportion, Ex 8.1		
PD 5	Ex 8.1 continued		
PD 6	Introduction to Direct and Indirect Variation,		
Week 19: 3/8/26 to 8/8/26		Period Count: 5	
PD 1	Ex 8.2 Discussion		
PD 2	Ex 8.2 Discussion		
PD 3	Ex 8.3 Discussion		
PD 4	Ex 8.3 Discussion		
PD 5	Introduction to Time and Work, Ex 8.4		
PD 6	Holiday (Second Saturday)		
Week 20: 10/8/26 to 15/8/26		Period Count: 5	

PD 1	Ex 8.4 continued		
PD 2	Objective, MCQ		
PD 3	A/ R questions, case study questions		
PD 4	Introduction to Data Handling - Mean and Median		
PD 5	Surprise Test		
PD 6	Independence Day		

Week 21: 17/8/26 to 22/8/26

Period Count: 6

PD 1	Ex 17.1		
PD 2	Ex 17.1 continued		
PD 3	Ex 17.1 continued		
PD 4	Introduction to line and Linear Graphs		
PD 5	Ex 17.2 Discussion		
PD 6	Ex 17.2 continued		

Week 22: 24/8/26 to 29/8/26

Period Count: 4

PD 1	Surprise Test		
PD 2	Objective, MCQ		
PD 3	Eid – Ul – Milad (Holiday)		
PD 4	A/ R , case study questions		
PD 5	Raksha Bandhan (Holiday)		
PD 6	Problem Discussion		
Week 23: 31/8/26 to 5/9/26		Period Count: 5	
PD 1	Work book		
PD 2	Work book		
PD 3	Model paper		
PD 4	Model paper		
PD 5	Janmashtami(Holiday)		
PD 6	Model paper		
Week 24: 7/09/26 to 12/9/26		Period Count: 5	
PD 1	Problem Discussion		
PD 2	Problem Discussion		

PD 3	Problem Discussion		
PD 4	Half Yearly Exams		
PD 5	Half Yearly Exams		
PD 6	Holiday (Second Saturday)		
WEEK 25: 14/9/26 to 19/9/26		Period Count: 00	
PD 1	Half Yearly Exams		
PD 2	Half Yearly Exams		
PD 3	Half Yearly Exams		
PD 4	Half Yearly Exams		
PD 5	Half Yearly Exams		
PD 6	Half Yearly Exams		
WEEK 26: 21/9/26 to 26/9/26		Period Count: 00	
PD 1	Half Yearly Exams		
PD 2	Half Yearly Exams		
PD 3	Half Yearly Exams		
PD 4	Half Yearly Exams		
PD 5	Half Yearly Exams		
PD 6	Half Yearly Exams		

WEEK 27: 28/9/26 to 03/10/26		Period Count: 05	
PD 1	Half Yearly Paper Showing		
PD 2	Half Yearly Paper Showing		
PD 3	Half Yearly Paper Showing		
PD 4	Introduction to Algebraic Expressions, Fundamental concepts		
PD 5	Mahatma Gandhi Jayanti (Holiday)		
PD 6	Ex 9.1 Discussed		
WEEK 28: 05/10/26 to 10/10/26		Period Count: 05	
PD 1	Ex 9.1 continued		
PD 2	Multiplication of Algebraic Expressions, Ex 9.2		
PD 3	Ex 9.2 continued		
PD 4	Multiplication by a polynomial by polynomial, Ex 9.3		
PD 5	Problem Discussion of Ex 9.3 + Algebraic Identities		
PD 6	Holiday (Second Saturday)		
WEEK 29: 12/10/26 to 17/10/26		Period Count: 06	
PD 1	Ex 9.4 Discussion		
PD 2	Ex 9.4 continued		
PD 3	Division of a polynomial by a monomial, Ex 9.5		

PD 4	Mental maths, MCQ, Assertion/ Reason		
PD 5	Surprise Test		
PD 6	Case Based Study, Check your Progress		
WEEK 30: 19/10/26 to 24/10/26			Period Count: 04
PD 1	Holidays (Dusshera)		
PD 2	Holidays (Dusshera)		
PD 3	Work book Discussion		
PD 4	Work book Discussion		
PD 5	Introduction to the chapter Algebra Play		
PD 6	Thinking of a Date (Ex 10.1)		
WEEK 31: 26/10/26 to 31/10/26			Period Count: 06
PD 1	Calender Magic (Ex 10.2)		
PD 2	Calender Magic(Ex 10.2)		
PD 3	Mental maths, MCQ, Assertion/ Reason		
PD 4	Check your Progress		
PD 5	Surprise Test		
PD 6	Doubt Clearing session		
WEEK 32: 02/11/26 to 07/11/26			Period Count: 06

PD 1	Introduction to “Linear equation in one Variable”, Ex 11.1		
PD 2	Ex 11.1 continued		
PD 3	Applications on Linear Equations, Ex 11.2		
PD 4	Ex 11. 2 continued		
PD 5	Ex 11. 2 continued		
PD 6	Ex 11. 2 continued		
WEEK 33: 9/11/26 to 14/11/26			Period Count: 02
PD 1	Holiday(Deepawali)		
PD 2	Holiday(Deepawali)		
PD 3	Holiday(Deepawali)		
PD 4	Mental maths, MCQ, Assertion/ Reason		
PD 5	Case study/ Check your Progress		
PD 6	Holiday(Second Saturday)		
WEEK 34: 16/11/26 to 21/11/26			Period Count: 06
PD 1	Revision of the chapter		
PD 2	Surprise Test		
PD 3	Work Book		
PD 4	Work Book		

PD 5	Introduction to “Understanding Quadrilaterals”		
PD 6	Ex 12.1 Discussion		
WEEK 35: 23/11/26 to 28/11/26		Period Count: 0	
PD 1	Ex 12.1 continued		
PD 2	Holiday (Guru Nanak Jayanti)		
PD 3	Surprise Test		
PD 4	Properties of Quadrilaterals		
PD 5	Ex 12.2 Discussion		
PD 6	Ex 12.2 continued		
WEEK 36: 30/11/26 to 05/12/26		Period Count: 06	
PD 1	Properties of special parallelograms		
PD 2	Ex 12.3 Discussion		
PD 3	Ex 12.3 continued		
PD 4	Mental maths, MCQ, Assertion/ Reason		
PD 5	Case study/ Check your Progress		
PD 6	Problem Discussion		
WEEK 37: 7/12/26 to 12/12/26		Period Count: 05	
PD 1	Introduction to “Construction of Quadrilaterals”, Ex 13.1		

PD 2	Ex 13.1 continued		
PD 3	Ex 13.1 continued		
PD 4	Construction of Parallelograms, Ex 13.2		
PD 5	Ex 13.2 continued		
PD 6	Holiday (Second Saturday)		
WEEK 38: 14/12/26 to 19/12/26		Period Count: 06	
PD 1	Ex 13.2 continued		
PD 2	Ex 13.2 continued		
PD 3	Introduction to The Baudhayana Pythagoras Theorem		
PD 4	Ex 14 Discussion		
PD 5	Ex 14 continued		
PD 6	Ex 14 continued		
WEEK 39: 21/12/26 to 26/12/26		Period Count: 05	
PD1	Mental maths, MCQ, Assertion/ Reason		
PD2	Surprise Test		
PD3	Work Book		
PD 4	Work Book		
PD 5	Holiday (Christmas)		

PD 6	Problem Discussion		
WEEK 40: 28/12/26 to 2/1/27		Period Count: 03	
PD 1	Workbook		
PD 2	Workbook		
PD 3	Problem Discussion		
PD 4	Holiday (Winter Break)		
PD 5	Holiday (Winter Break)		
PD 6	Holiday (Winter Break)		
WEEK 41: 04/1/27 to 09/1/27		Period Count: 02	
PD 1	Holiday (Winter Break)		
PD 2	Holiday (Winter Break)		
PD 3	Holiday (Winter Break)		
PD 4	Holiday (Winter Break)		
PD 5	Recapitulation of Mensuration		
PD 6	Second Saturday (Holiday)		
WEEK 42: 11/1/27 to 16/1/27		Period Count: 05	
PD 1	Mensuration, Ex 16.1		
PD 2	Ex 16.1 continued		

PD 3	Ex 16.1 continued		
PD 4	Ex 16.1 continued		
PD 5	(Makar Sankranti) Holiday		
PD 6	Mensuration (Circles), Ex 16.2		
WEEK 43: 18/1/27 to 23/1/27		Period Count: 06	
PD 1	Ex 16.2 continued		
PD 2	Ex 16.2 continued		
PD 3	Areas of quadrilaterals and Polygons, Ex 16.3		
PD 4	Ex 16.3 continued		
PD 5	Ex 16.3 continued		
PD 6	Mental maths, MCQ, Assertion/ Reason		
WEEK 44: 25/1/27 to 30/1/27		Period Count: 05	
PD 1	Surprise Test		
PD 2	Holiday (Republic Day)		
PD 3	Introduction of “Exploring Some Geometrical Themes”		
PD 4	Ex 15.1 Discussion		
PD 5	Ex 15.1 continued		
PD 6	About Regular Polyhedrons		

WEEK 45: 01/2/27 to 6/2/27**Period Count: 06**

PD 1	Ex 15.2 Discussion		
PD 2	Shadow PLAY Ex 15.3 (In Book)		
PD 3	Mental Math, MCQ, Assertion/ Reason		
PD 4	Check your Progress		
PD 5	Revision		
PD 6	Revision		

WEEK 46: 8/2/27 to 13/2/27**Period Count: 05**

PD 1	Model Paper Discussion		
PD 2	Model Paper Discussion		
PD 3	Model Paper Discussion		
PD 4	Model Paper Discussion		
PD 5	Problem Discussion		
PD 6	Problem Discussion		

WEEK 47: 15/2/27 to 20/2/27**Period Count: 04**

PD 1	Problem Discussion		
PD 2	Problem Discussion		
PD 3	Problem Discussion		

PD 4	Problem Discussion		
PD 5	Final Examination		
PD 6	Final Examination		
WEEK 48: 22/2/27 to 27/2/27		Period Count: 00	
PD 1	Annual Examination		
PD 2	Annual Examination		
PD 3	Annual Examination		
PD 4	Annual Examination		
PD 5	Annual Examination		
PD 6	Annual Examination		
WEEK 49: 1/3/27 to 6/3/27		Period Count: 00	
PD 1	Annual Examination		
PD 2	Annual Examination		
PD 3	Annual Examination		
PD 4	Annual Examination		
PD 5	Annual Examination		
PD 6	Mahashivratri		
WEEK 50: 8/3/27 to 13/3/27		Period Count: 00	

PD 1	Annual Examination		
PD 2	Closed for Students		
PD 3	Closed for Students		
PD 4	Eid Ul Fitr		
PD 5	Closed for Students		
PD 6	Closed for Students		
WEEK 51: 15/3/27 to 20/3/27		Period Count: 00	
PD 1	Closed for Students		
PD 2	Closed for Students		
PD 3	Closed for Students		
PD 4	Closed for Students		
PD 5	Closed for Students		
PD 6	Closed for Students		
WEEK 52: 22/3/27 to 27/3/27, 29/3/27 to 31/3/27		Period Count: 00	
PD 1	Holi		
PD 2	Closed for Students		
PD 3	Closed for Students		
PD 4	Closed for Students		

PD 5	Closed for Students		
PD 6	Closed for Students		