



Sir Padampat Singhania Education Centre
Kamla Nagar, Kanpur

Lesson Plan
Session 2026 - 2027
Class: VII

Subject : Mathematics

Book: Maths, ML Agarwal

Subject Coordinator

Name: Ms. NUPUR GARG

Head of Department

Name: MOHD. ABID



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Yearly Syllabus/Planning overview

Session: 2026 - 2027

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No. of active periods: 157

Month	Assessed in	Lesson/s to be covered	Period Count
April	PT 1/Half yearly	Large numbers around us	6
May	PT 1/Half yearly	Integers and Arithmetic Expressions	13
July	Half yearly	Number Play	7
July	Half yearly	HCF and LCM	6
July	Half yearly	Fractions	9
July	Half yearly	Decimals	13
August	Half yearly	Lines and Angles	7
August	Half yearly	Percentage and its Applications	11
September	Half Yearly	Revision	
October	PT 2/Annual	Algebra	12
October	PT 2/Annual	Triangle and its Properties	13
November	Annual	Congruence	13

November	Annual	Constructions and Tilings	6
December	Annual	Perimeter and Area	11
December	Annual	Ratio and Proportion	10
January	Annual	Ratio and Proportion continued	10
January	Annual	Data Handling	10
February	Annual	Model paper and Revision	

WEEK 1: 30/3/26 to 4/4/26		Period Count: 1
PD1	Holiday	
PD2	Holiday	
PD3	Holiday (MAHAVIR JAYANTI)	
PD4	General discussion	
PD5	Good Friday	
PD6	Holiday	
WEEK 2: 06/4/26 to 11/4/26		Period Count: 5
PD1	INTRODUCTION to “Large numbers around us”, Ex 1.1	
PD2	Comparison of two systems and estimation, Ex 1.2	

PD3	Patterns in Multiplication, Ex 1.3	
PD4	Large problems, Ex 1.3 contd...	
PD5	Objective and MCQ, A/ R	
PD6	Second Saturday	
WEEK 3: 13/4/26 to 18/4/26		Period Count: 6
PD 1	Introduction to Integers, Properties of Addition and subtraction, Ex 3.1	
PD2	Baisakhi	
PD3	Ex 3.1 continued	
PD4	Multiplication of Integers, Ex 3.2	
PD5	Ex 3.2 continued	
PD6	Division of Integers, Ex 3.3	
Week 4:20/4/26 to 25/4/26		Period Count: 6
PD1	Ex 3.3 continued	
PD2	Order of Performing Operations	
PD 3	Ex 3.4	
PD 4	Ex 3.4 continued	
PD5	Objective and MCQ , A/ R	
PD6	Case study and check your progress	

Week 5: 27/4/26 to 2/5/26		Period Count: 5
PD1	Work Book	
PD 2	Work Book	
PD 3	Work Book	
PD 4	Surprise Test	
PD 5	Buddha Purnima	
PD 6	Holiday	
Week 6: 4/5/26 to 9/5/26		Period Count: 6
PD 1	Introduction to Number Play, Ex 2.1	
PD2	Parity of odd and even numbers, Ex 2.2	
PD3	Magic Squares, Ex 2.3	
PD4	Virahanka Numbers, Ex 2.4	
PD5	Playing with Digits, Ex 2.5	
PD6	Objective and MCQ, A/ R, check your progress	

Week 7: 11/5/26 to 16/5/26		Period Count: 2
PD 1	Introduction to HCF and LCM (Theory)	
PD 2	Paper showing (PT 1)	
PD 3	Summer Break	

PD 4	Summer Break	
PD 5	Summer Break	
PD 6	Summer Break	
Week 8: 18/5/26 to 23/5/26		Period Count: 0
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 9: 25/5/26 to 30/5/26		Period Count: 0
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: 0

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: 0
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: 0
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: 0
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 to 04/7/26		Period Count: 4
PD 1	Summer Break	
PD 2	Summer Break	
PD 3	Methods to find HCF and LCM	
PD 4	Ex 4	
PD 5	Ex 4 continued	
PD 6	Objective and MCQ, A/ R	
Week 15: 6/7/26 to 11/7/26		Period Count: 5
PD 1	Case study and check your progress	

PD 2	Introduction to Fractions, Multiplication of Fractions, Ex 5.1	
PD 3	Ex 5.1 continued	
PD 4	Division of Fractions, Ex 5.2	
PD 5	Surprise Test	
PD 6	Holiday (Second Saturday)	
Week 16 : 13/7/26 to 18/7/26		Period Count: 6
PD 1	Simplification Of Fractions, Ex 5.3	
PD 2	Objective and MCQ A/ R	
PD 3	Case study and check your progress	
PD 4	Work book	
PD 5	Work book	
PD 6	Problem Discussion	
Week 17 : 20/7/26 to 25/7/26		Period Count: 6
PD 1	Introduction to "Decimals", Place value chart, Ex 6.1	
PD 2	Surprise Test	
PD 3	Ex 6.1 continued	
PD 4	Conversion of decimal fractions into decimal numbers, Ex 6.2	
PD 5	Ex 6.2 continued	

PD 6	Ex 6.2 continued	
Week 18 : 27/7/26 to 1/8/26		Period Count: 6
PD 1	Shortcut method to multiply or divide a decimal number, Ex 6.3	
PD 2	Conversion of Units and word problems, Ex 6.4	
PD 3	Ex 6,4 continued	
PD 4	Multiplication and Division of Decimals, Ex 6.5	
PD 5	Ex 6.5 continued	
PD 6	Ex 6.5 continued.	
Week 19 : 3/8/26 to 8/8/26		Period Count: 6
PD 1	Objective and MCQ, A/ R	
PD 2	Case study and check your progress	
PD 3	Introduction to “lines and Angles”, Ex 9.1	
PD 4	Ex 9.1 continued	
PD 5	Pairs of Lines	
PD 6	Holiday (Second Saturday)	
Week 20 : 10/8/26 to 15/8/26		Period Count: 6

PD 1	Ex 9.2	
PD 2	Ex 9.2 continued	
PD 3	Objective and MCQ, A/ R	
PD 4	Case study and check your progress	
PD 5	Surprise Test	
PD 6	Independence Day	
Week 21 : 17/8/26 to 22/8/26		Period Count: 6
PD 1	Introduction to "Percentage", Ex 7.1	
PD 2	Ex 7.1 continued	
PD 3	Finding a percentage to the given quantity, Ex 7.2	
PD 4	Ex 7.2 continued	
PD 5	Ex 7.2 continued	
PD 6	Profit and Loss and its formulae, Ex 7.3	
Week 22 : 24/8/26 to 29/8/26		Period Count: 4

PD 1	Surprise Test	
PD 2	Ex 7.3 continued	
PD 3	Eid – Ul – Milad (Holiday)	
PD 4	Ex 7.3 continued	
PD 5	Raksha Bandhan (Holiday)	
PD 6	Introduction to “Simple Interest”, Ex 7.4	
Week 23 : 31/8/26 to 5/9/26		Period Count: 5
PD 1	Ex 7.4 continued	
PD 2	Objective and MCQ , A/ R, Case study and check your progress	
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: 0
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: 0
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 3/10/26		Period Count: 5

PD 1	Half Yearly Paper Showing	
PD 2	Half Yearly Paper Showing	
PD 3	Half Yearly Paper Showing	
PD 4	Introduction to “Algebra”, Ex 8.1	
PD 5	Mahatma Gandhi Jayanti (Holiday)	
PD 6	Ex 8.1 continued	
Week 28 :5/10/26 to 10/10/26		Period Count: 5
PD 1	Common Rules to Arithmetic from Algebra, Ex 8.2	
PD 2	Formation of Expressions, Ex 8.3	
PD 3	Ex 8.3 continued	
PD 4	Ex 8.3 continued	
PD 5	Ex 8.3 continued	
PD 6	Holiday (Second Saturday)	
Week 29 : 12/10/26 to 17/10/26		Period Count: 6
PD 1	Algebraic expressions to describe Patterns, Ex 8.4 and Ex 8,5	
PD 2	To find a solution of an equation, Ex 8.6	
PD 3	The Principle of Isolation, Ex 8.7	
PD 4	Objective and MCQ , A/ R,	

PD 5	Surprise Test	
PD 6	Case study and check your progress	
Week 30 : 19/10/26 to 24/10/26		Period Count: 4
PD 1	Holidays (Dusshera)	
PD 2	Holidays (Dusshera)	
PD 3	Introduction to “Triangle and its Properties”, Ex 10.1	
PD 4	Properties of Triangles, Ex 10.2	
PD 5	Ex 10.2 continued	
PD 6	Angle Sum Property, Ex 10.3	
Week 31 : 26/10/26 to 31/10/26		Period Count: 6
PD 1	Triangle Inequality Property, Ex 10.4	
PD 2	Pythagoras Property, Ex 10.5	
PD 3	Ex 10.5 continued	
PD 4	Construction of Triangles, Ex 10.6	
PD 5	Surprise Test	
PD 6	Objective and MCQ , A/ R,	
Week 32 : 2/11/26 to 7/11/26		Period Count: 6
PD 1	Case study and check your progress	

PD 2	Work Book	
PD 3	Work Book	
PD 4	Work Book	
PD 5	Introduction to “ Congruency”, Ex 11.1	
PD 6	Ex 11.1 continued	
Week 33 : 9/11/26 to 14/11/26		Period Count: 2
PD 1	Holiday(Deepawali)	
PD 2	Holiday(Deepawali)	
PD 3	Holiday(Deepawali)	
PD 4	Ex 11.1 continued	
PD 5	Ex 11.1 continued	
PD 6	Holiday(Second Saturday)	
Week 34 : 16/11/26 to 21/11/26		Period Count: 6
PD 1	Ex 11.2	
PD 2	Surprise Test	
PD 3	Ex 11.2 continued	
PD 4	Ex 11.2 continued	
PD 5	Objective and MCQ, A/ R,	

PD 6	Case study and check your progress	
Week 35 : 23/11/26 to 28/11/26		Period Count: 5
PD 1	Problem Discussion	
PD 2	Holiday (Guru Nanak Jayanti)	
PD 3	Surprise Test	
PD 4	Work Book	
PD 5	Work Book	
PD 6	Work Book	
Week 36 :30/11/26 to 05/12/26		Period Count: 6
PD 1	Introduction to “Construction and Tiling”. Ex 12.1	
PD 2	Ex 12.1 continued	
PD 3	Tiling, Ex 12.2	
PD 4	Problem Discussion	
PD 5	Objective and MCQ , A/ R,	
PD 6	check your progress	
Week 37 : 07/12/26 to 12/12/26		Period Count: 5
PD 1	Introduction to Perimeter and Area and its Formulae, Ex13.1	
PD 2	Ex13.1 continued	

PD 3	Area of parallelograms, Ex13.2	
PD 4	Ex13.2 continued	
PD 5	Ex13.2 continued	
PD 6	Holiday (Second Saturday)	
Week 38: 14/12/26 to 19/12/26		Period Count: 6
PD 1	Objective and MCQ , A/ R,	
PD 2	Case study and check your progress	
PD 3	Completion of Pending Work	
PD 4	Work Book	
PD 5	Work Book	
PD 6	Work Book	
Week 39: 21/12/26 to 26/12/26		Period Count: 5
PD1	Introduction To "Ratio", Ex 15.1	
PD2	Surprise Test	
PD3	Ex 15.1 continued	
PD 4	Ex 15.1 continued	
PD 5	Holiday (Christmas)	
PD 6	Ex 15.1 continued	

Week 40: 28/12/26 to 02/01/27		Period Count: 3
PD1	Problem Discussion	
PD2	Problem Discussion	
PD3	Work Book	
PD 4	Holiday (Winter Break)	
PD 5	Holiday (Winter Break)	
PD 6	Holiday (Winter Break)	
Week 41: 4/1/27 to 9/1/27		Period Count: 1
PD 1	Holiday (Winter Break)	
PD 2	Holiday (Winter Break)	
PD 3	Holiday (Winter Break)	
PD 4	Holiday (Winter Break)	
PD 5	Introduction to “Proportion”, Ex 15.2	
PD 6	Second Saturday (Holiday)	
Week 42: 11/1/27 to 16/1/27		Period Count: 5
PD 1	Ex 15.2 continued	
PD 2	Unitary Method, Ex 15.3	
PD 3	Ex 15.3	

PD 4	Objective and MCQ, A/ R,	
PD 5	(Makar Sankranti) Holiday	
PD 6	Case study and check your progress	
Week 43:18/1/27 to 23/1/27		Period Count: 6
PD 1	Introduction To “Data Handling”, Data, Range, Dot Graphs	
PD 2	Bar Graphs, Ex 14.1	
PD 3	Ex 14.1 continued	
PD 4	Mean, Ex 14.2	
PD 5	Median and Mode, Ex 14.3	
PD 6	Ex 14.3 continued	
Week 44: 25/1/27 to 30/1/27		Period Count: 5
PD 1	Surprise Test	
PD 2	Holiday (Republic Day)	
PD 3	Infographics	
PD 4	Objective and MCQ , A/ R	
PD 5	check your progress	
PD 6	Completion of Pending Work	
Week 45: 1/2/27 to 6/2/27		Period Count: 6

PD 1	Work Book	
PD 2	Work Book	
PD 3	Work Book	
PD 4	Problem Discussion	
PD 5	Problem Discussion	
PD 6	Problem Discussion	
Week 46: 8/2/27 to 13/2/27		Period Count: 6
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: 4
PD 1	Problem Discussion	
PD 2	Problem Discussion	
PD 3	Problem Discussion	

PD 4	Problem Discussion	
PD 5	Annual Examination	
PD 6	Annual Examination	
Week 48: 22/2/27 to 27/2/27		Period Count: 0
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: 0
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: 0

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: 0
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		Period Count: 0
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	
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