



*Sir Padampat Singhania Education Centre*

*Kamla Nagar, Kanpur*

**Lesson Plan**

**Session 2026 - 2027**

**Class: VI**

**Subject:** Mathematics

**Book:** M.L. Agarwal

**Subject Coordinator**

Name: Ayush 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 : VI**

**No. of Active periods: 157**

<b>Month</b>	<b>Assessed in</b>	<b>Lesson/s to be covered</b>	<b>Period Count</b>
<b>April</b>	PT 1/Half yearly	1. Pattern in mathematics	06
<b>April</b>	PT 1/Half yearly	3. Natural Numbers	13
<b>May</b>	Half yearly	2. Playing with numbers	08
<b>May/ July</b>	Half yearly	4. Whole numbers	08
<b>July</b>	Half yearly	5. Prime numbers, factors and multiples	16
<b>August</b>	Half yearly	8. Lines and Angles	15
<b>August</b>	Half Yearly	13. Data handling and Presentation	09
<b>September</b>	Half Yearly	<b>Revision</b>	07
<b>October</b>	PT 2/Annual	6. Integers	12
<b>October/ November</b>	PT 2/Annual	7. Fractions	17
<b>November</b>	Annual	9. Understanding elementary shapes	10
<b>December</b>	Annual	10. Construction	14
<b>December</b>	Annual	11. Symmetry	07

January	Annual	12. Perimeter and Area	11
January	Annual	14. Decimals	04
February	Annual	<b>Model paper and Revision</b>	



## *Sir Padampat Singhania Education centre* *Kamla Nagar, Kanpur*

**Weekly planning overview**  
**Session: 2026- 2027**

**Subject: Mathematics**

**Class: VI**

<b>WEEK 1: 2/4/26 to 4/4/26</b>		<b>Period Count: 1</b>	
<b>PD1</b>	<b>Introduction &amp; General discussion</b>		
<b>PD2</b>	<b>Good Friday</b>		
<b>PD3</b>	<b>Holiday</b>		
<b>WEEK 2: 06/4/26 to 11/4/26</b>		<b>Period Count: 5</b>	
<b>PD1</b>	Introduction to pattern in mathematics ex 1.1		
<b>PD2</b>	Repeating, increasing or decreasing pattern, visual presentation		
<b>PD3</b>	Ex 1B Virahanka no., Pattern in shape		
<b>PD4</b>	Objective questions		
<b>PD5</b>	Assertion/Reasoning and Case study-based questions		
<b>PD6</b>	Second Saturday		
<b>WEEK 3: 13/4/26 to 18/4/26</b>		<b>Period Count: 5</b>	

<b>PD 1</b>	Check Your Progress		
<b>PD2</b>	<b>Ambedkar Jayanti</b>		
<b>PD3</b>	Introduction to natural number, place value and face value		
<b>PD4</b>	Indian and international number system		
<b>PD5</b>	Ex 3A		
<b>PD6</b>	Ex 3 A Continued		
<b>Week 4: 20/4/26 to 25/4/26</b>		<b>Period Count: 6</b>	
<b>PD1</b>	Comparison of numbers		
<b>PD2</b>	Ex 3B		
<b>PD 3</b>	Formation of Numbers Ex 3C		
<b>PD 4</b>	Ex 3C Continued		
<b>PD5</b>	Objective Questions		
<b>PD6</b>	Assertion/ Reasoning, Case study base questions		
<b>Week 5: 27/4/26 to 2/5/26</b>		<b>Period Count: 5</b>	
<b>PD1</b>	Chapter 3 Check your progress		
<b>PD 2</b>	Revision and Doubt Clearing		
<b>PD 3</b>	<b>Workbook Completion PT1</b>		
<b>PD 4</b>	<b>Surprise Test</b>		
<b>PD 5</b>	<b>Buddha Purnima</b>		

PD 6	<b>Workbook Completion PT1</b>		
<b>Week 6: 4/5/26 to 9/5/26</b>		<b>Period Count: 6</b>	
PD 1	Introduction to Playing with numbers		
PD 2	Supercell Ex 2A		
PD 3	Palindromes Activity Ex 2B		
PD 4	Ex 2B Continued		
PD 5	Kaprekar Constant, Playing With Calendar, dates, over the century, 12 h 24 h clock		
PD 6	Ex 2C Collatz Conjecture		

<b>Week 7: 11/5/26 to 16/5/26</b>		<b>Period Count: 2</b>	
PD 1	<b>Worksheet on Computational Thinking</b>		
PD 2	Mental Math, MCQ's, Case Study, Check Your Progress		
PD 3	<b>Summer Break</b>		
PD 4	<b>Summer Break</b>		
PD 5	<b>Summer Break</b>		
PD 6	<b>Summer Break</b>		
<b>WEEK 08: 18/5/26 to 23/5/26</b>		<b>Period Count: 00</b>	
PD 1	<b>Summer Break</b>		
PD 2	<b>Summer Break</b>		
PD 3	<b>Summer Break</b>		

PD 4	Summer Break		
PD 5	Summer Break		
PD 6	Summer Break		
<b>WEEK 09: 25/5/26 to 30/5/26</b>		<b>Period Count: 00</b>	
PD 1	Summer Break		
PD 2	Summer Break		
PD 3	Summer Break		
PD 4	Summer Break		
PD 5	Summer Break		
PD 6	Summer Break		
<b>WEEK 10: 1/6/26 to 6/6/26</b>		<b>Period Count: 00</b>	
PD 1	Summer Break		
PD 2	Summer Break		
PD 3	Summer Break		
PD 4	Summer Break		
PD 5	Summer Break		
PD 6	Summer Break		
<b>WEEK 11: 8/6/26 to 13/6/26</b>		<b>Period Count: 00</b>	
PD 1	Summer Break		
PD 2	Summer Break		

PD 3	Summer Break		
PD 4	Summer Break		
PD 5	Summer Break		
PD 6	Summer Break		
<b>WEEK 12: 15/6/26 to 20/6/26</b>		<b>Period Count: 00</b>	
PD 1	Summer Break		
PD 2	Summer Break		
PD 3	Summer Break		
PD 4	Summer Break		
PD 5	Summer Break		
PD 6	Summer Break		
<b>WEEK 13: 22/6/26 to 27/6/26</b>		<b>Period Count: 00</b>	
PD 1	Summer Break		
PD 2	Summer Break		
PD 3	Summer Break		
PD 4	Summer Break		
PD 5	Summer Break		
PD 6	Summer Break		
<b>WEEK 14: 29/6/26 - 04/7/26</b>		<b>Period Count: 04</b>	
PD 1	Summer Break		

PD 2	<b>Summer Break</b>		
PD 3	Introduction to whole no., Successor and Predecessor, Number line		
PD 4	Ex 4A		
PD 5	Ex 4A Continued		
PD 6	Division Algorithm Ex 4B		
<b>Week 15: 6/7/26 to 11/7/26</b>		<b>Period Count: 5</b>	
PD 1	Ex 4B Continued		
PD 2	Mental Math MCQ's		
PD 3	Assertion/Reasoning, Case study-based question		
PD 4	Check your progress		
PD 5	<b>Surprise Test</b>		
PD 6	<b>Holiday (Second Saturday)</b>		
<b>Week 16: 13/7/26 to 18/7/26</b>		<b>Period Count: 6</b>	
PD 1	Introduction prime number, factors and multiples		
PD 2	Types of Numbers		
PD 3	Ex 5 A		
PD 4	Ex 5 A Continued		
PD 5	Divisibility Test		
PD 6	Properties of Divisibility		
<b>Week 17: 20/7/26 to 25/7/26</b>		<b>Period Count: 6</b>	

PD 1	Ex 5 B		
PD 2	<b>Surprise Test</b>		
PD 3	Prime Factorization		
PD 4	Ex 5 C		
PD 5	HCF with examples		
PD 6	Ex 5 D		
<b>Week 18: 27/7/26 to 1/8/26</b>		<b>Period Count: 6</b>	
PD 1	LCM, HCF, Relation between HCF and LCM		
PD 2	Ex 5 E		
PD 3	Mental Math and MCQ		
PD 4	Assertion/ Reasoning, Case study		
PD 5	Check your progress		
PD 6	Lines and Angles, Point, Plane, Line Segment		
<b>Week 19: 3/8/26 to 8/8/26</b>		<b>Period Count: 5</b>	
PD 1	Ex 8 A		
PD 2	Ex 8 A Continued		
PD 3	Interior and Exterior, Ex 8B		
PD 4	Comparison and measuring line segment		

PD 5	Ex 8 C		
PD 6	Holiday (Second Saturday)		
<b>Week 20: 10/8/26 to 15/8/26</b>		<b>Period Count: 5</b>	
PD 1	Measuring Angles		
PD 2	Types of Angles		
PD 3	Ex 8 D		
PD 4	Ex 8 D Continued		
PD 5	<b>Surprise Test</b>		
PD 6	<b>Independence Day</b>		
<b>Week 21: 17/8/26 to 22/8/26</b>		<b>Period Count: 6</b>	
PD 1	Perpendicular Lines Ex 8 E		
PD 2	Mental Math and MCQ's		
PD 3	Assertion and Reasoning, Case study		
PD 4	Check your progress		
PD 5	Introduction to Data Handling, Presentation		

PD 6	Ex 13 A		
<b>Week 22: 24/8/26 to 29/8/26</b>		<b>Period Count: 4</b>	
PD 1	<b>Surprise Test</b>		
PD 2	Pictograph		
PD 3	<b>Eid – Ul – Milad (Holiday)</b>		
PD 4	Ex 13 B		
PD 5	<b>Raksha Bandhan (Holiday)</b>		
PD 6	Bar Graph		
<b>Week 23: 31/8/26 to 5/9/26</b>		<b>Period Count: 5</b>	
PD 1	Ex 13 C		
PD 2	Mental Math and MCQ's		
PD 3	Assertion and Reasoning, Case study, Check your Progress		
PD 4	<b>Workbook</b>		
PD 5	<b>Janmashtami (Holiday)</b>		
PD 6	<b>Workbook</b>		
<b>Week 24: 7/09/26 to 12/9/26</b>		<b>Period Count: 5</b>	
PD 1	<b>Model Paper</b>		

PD 2	<b>Model Paper</b>		
PD 3	<b>Problem Discussion</b>		
PD 4	<b>Half Yearly Exams</b>		
PD 5	<b>Half Yearly Exams</b>		
PD 6	<b>Holiday (Second Saturday)</b>		
<b>WEEK 25: 14/9/26 to 19/9/26</b>		<b>Period Count: 00</b>	
PD 1	<b>Half Yearly Exams</b>		
PD 2	<b>Half Yearly Exams</b>		
PD 3	<b>Half Yearly Exams</b>		
PD 4	<b>Half Yearly Exams</b>		
PD 5	<b>Half Yearly Exams</b>		
PD 6	<b>Half Yearly Exams</b>		
<b>WEEK 26: 21/9/26 to 26/9/26</b>		<b>Period Count: 00</b>	
PD 1	<b>Half Yearly Exams</b>		
PD 2	<b>Half Yearly Exams</b>		
PD 3	<b>Half Yearly Exams</b>		
PD 4	<b>Half Yearly Exams</b>		
PD 5	<b>Half Yearly Exams</b>		
PD 6	<b>Half Yearly Exams</b>		
<b>WEEK 27: 28/9/26 to 03/10/26</b>		<b>Period Count: 05</b>	

PD 1	<b>Half Yearly Paper Showing</b>		
PD 2	<b>Half Yearly Paper Showing</b>		
PD 3	Intro to Integers, Comparison of integers		
PD 4	Ex 6 A		
PD 5	<b>Mahatma Gandhi Jayanti (Holiday)</b>		
PD 6	Ex 6 A Continued		
<b>WEEK 28: 05/10/26 to 10/10/26</b>		<b>Period Count: 05</b>	
PD 1	Addition of Integers, Ex 6 B		
PD 2	Ex 6 B, Subtraction of Integers		
PD 3	Ex 6 C		
PD 4	Add and Sub. of 3 or more integers Ex 6D		
PD 5	Ex 6D Continued		
PD 6	<b>Holiday (Second Saturday)</b>		
<b>WEEK 29: 12/10/26 to 17/10/26</b>		<b>Period Count: 06</b>	
PD 1	Mental Math, MCQ's		
PD 2	Assertion/ Reasoning, Case study		
PD 3	Check your progress		
PD 4	Intro to Fraction Ex 7A		
PD 5	<b>Surprise test</b>		
PD 6	Representation of fraction on no. line Ex 7D		

<b>WEEK 30: 19/10/26 to 24/10/26</b>		<b>Period Count: 04</b>	
PD 1	<b>Holidays (Dusshera)</b>		
PD 2	<b>Holidays (Dusshera)</b>		
PD 3	Types of Fractions, Equivalent fractions, comparison		
PD 4	Ex 7 C		
PD 5	Ex 7 C Continued		
PD 6	Comparison of Fractions Ex 7 D		
<b>WEEK 31: 26/10/26 to 31/10/26</b>		<b>Period Count: 06</b>	
PD 1	Ex 7 D Continued		
PD 2	Addition and Subtraction of Fractions Ex 7E		
PD 3	Ex 7E Continued		
PD 4	Multiplication/ Division of fractions Ex 7F		
PD 5	<b>Surprise test</b>		
PD 6	Ex 7F Continued		
<b>WEEK 32: 02/11/26 to 07/11/26</b>		<b>Period Count: 06</b>	
PD 1	Uses of Fractions Ex 7G		
PD 2	Ex 7G Continued		
PD 3	Mental Math, MCQ's, Assertion/ Reasoning		
PD 4	Case Study, Check Your Progress		
PD 5	<b>Workbook</b>		

PD 6	<b>Workbook</b>		
<b>WEEK 33: 9/11/26 to 14/11/26</b>		<b>Period Count: 02</b>	
PD 1	<b>Holiday (Deepawali)</b>		
PD 2	<b>Holiday (Deepawali)</b>		
PD 3	<b>Holiday (Deepawali)</b>		
PD 4	Understanding elementary shapes		
PD 5	Ex 9 A		
PD 6	<b>Holiday (Second Saturday)</b>		
<b>WEEK 34: 16/11/26 to 21/11/26</b>		<b>Period Count: 06</b>	
PD 1	Types of triangles Ex 9B		
PD 2	<b>Surprise test</b>		
PD 3	Types of Quadrilaterals		
PD 4	Ex 9C		
PD 5	Mental math, MCQ's		
PD 6	Assertion and Reasoning, Case study		
<b>WEEK 35: 23/11/26 to 28/11/26</b>		<b>Period Count: 05</b>	
PD 1	Check your progress		
PD 2	<b>Holiday (Guru Nanak Jayanti)</b>		
PD 3	<b>Surprise test</b>		
PD 4	<b>Workbook</b>		

PD 5	<b>Workbook</b>		
PD 6	Construction Intro with different tools		
<b>WEEK 36: 30/11/26 to 05/12/26</b>		<b>Period Count: 06</b>	
PD 1	Construction of line segment and Ex 10 A		
PD 2	Ex 10A Continued		
PD 3	Construction of Perpendicular lines		
PD 4	Ex 10 B		
PD 5	Ex 10 B Continued		
PD 6	Construction of Angles		
<b>WEEK 37: 7/12/26 to 12/12/26</b>		<b>Period Count: 05</b>	
PD 1	Construction of Angles		
PD 2	Construction of Angles		
PD 3	Ex 10 C		
PD 4	Construction of Square and Rectangle		
PD 5	Ex 10 D		
PD 6	<b>Holiday (Second Saturday)</b>		
<b>WEEK 38: 14/12/26 to 19/12/26</b>		<b>Period Count: 06</b>	
PD 1	Mental math, MCQ's		
PD 2	Case Study, Check your progress		
PD 3	Intro to Symmetry, Reflection symmetry		

PD 4	Ex 11 A		
PD 5	Rotational Symmetry		
PD 6	Symmetry of some Figures		
<b>WEEK 39: 21/12/26 to 26/12/26</b>		<b>Period Count: 05</b>	
PD 1	Ex 11 B		
PD 2	<b>Surprise test</b>		
PD 3	Mental Math and MCQ's		
PD 4	A/R, Case Study		
PD 5	<b>Holiday (Christmas)</b>		
PD 6	Check your progress		
<b>WEEK 40: 28/12/26 to 2/1/27</b>		<b>Period Count: 03</b>	
PD 1	<b>Workbook</b>		
PD 2	<b>Workbook</b>		
PD 3	<b>Problem Discussion</b>		
PD 4	<b>Holiday (Winter Break)</b>		
PD 5	<b>Holiday (Winter Break)</b>		
PD 6	<b>Holiday (Winter Break)</b>		
<b>WEEK 41: 04/1/27 to 09/1/27</b>		<b>Period Count: 02</b>	
PD 1	<b>Holiday (Winter Break)</b>		

PD 2	<b>Holiday (Winter Break)</b>		
PD 3	<b>Holiday (Winter Break)</b>		
PD 4	<b>Holiday (Winter Break)</b>		
PD 5	<b>Recapitulation</b>		
PD 6	<b>Second Saturday (Holiday)</b>		
<b>WEEK 42: 11/1/27 to 16/1/27</b>		<b>Period Count: 05</b>	
PD 1	Introduction to perimeter with formulas		
PD 2	Ex 12 A		
PD 3	Ex 12 A Continued		
PD 4	Area of plane figures (Activity)		
PD 5	<b>(Makar Sankranti) Holiday</b>		
PD 6	Ex 12 B		
<b>WEEK 43: 18/1/27 to 23/1/27</b>		<b>Period Count: 06</b>	
PD 1	Ex 12 B Continued		
PD 2	Activity 2 and 3		
PD 3	Mental Math, MCQ's		
PD 4	A/R, Case study		
PD 5	Check your progress		
PD 6	<b>Workbook</b>		
<b>WEEK 44: 25/1/27 to 30/1/27</b>		<b>Period Count: 05</b>	

PD 1	<b>Surprise test</b>		
PD 2	<b>Holiday (Republic Day)</b>		
PD 3	Introducing Decimals, Place value Chart		
PD 4	Converting Fraction to decimals vice versa		
PD 5	Ex 14		
PD 6	<b>Problem Discussion</b>		
<b>WEEK 45: 01/2/27 to 6/2/27</b>		<b>Period Count: 06</b>	
PD 1	<b>Revision</b>		
PD 2	<b>Problem Discussion</b>		
PD 3	<b>Problem Discussion</b>		
PD 4	<b>Problem Discussion</b>		
PD 5	<b>Problem Discussion</b>		
PD 6	<b>Problem Discussion</b>		
<b>WEEK 46: 8/2/27 to 13/2/27</b>		<b>Period Count: 05</b>	
PD 1	<b>Problem Discussion</b>		
PD 2	<b>Model Paper Discussion</b>		
PD 3	<b>Model Paper Discussion</b>		
PD 4	<b>Model Paper Discussion</b>		
PD 5	<b>Problem Discussion</b>		
PD 6	<b>Second Saturday</b>		

<b>WEEK 47: 15/2/27 to 20/2/27</b>		<b>Period Count: 04</b>	
PD 1	<b>Problem Discussion</b>		
PD 2	<b>Problem Discussion</b>		
PD 3	<b>Problem Discussion</b>		
PD 4	<b>Problem Discussion</b>		
PD 5	<b>Annual Examination</b>		
PD 6	<b>Annual Examination</b>		
<b>WEEK 48: 22/2/27 to 27/2/27</b>		<b>Period Count: 00</b>	
PD 1	<b>Annual Examination</b>		
PD 2	<b>Annual Examination</b>		
PD 3	<b>Annual Examination</b>		
PD 4	<b>Annual Examination</b>		
PD 5	<b>Annual Examination</b>		
PD 6	<b>Annual Examination</b>		
<b>WEEK 49: 1/3/27 to 6/3/27</b>		<b>Period Count: 00</b>	
PD 1	<b>Annual Examination</b>		
PD 2	<b>Annual Examination</b>		
PD 3	<b>Annual Examination</b>		
PD 4	<b>Annual Examination</b>		

PD 5	<b>Annual Examination</b>		
PD 6	<b>Mahashivratri</b>		
<b>WEEK 50: 8/3/27 to 13/3/27</b>		<b>Period Count: 00</b>	
PD 1	<b>Annual Examination</b>		
PD 2	<b>Closed for Students</b>		
PD 3	<b>Closed for Students</b>		
PD 4	<b>Eid Ul Fitr</b>		
PD 5	<b>Closed for Students</b>		
PD 6	<b>Closed for Students</b>		
<b>WEEK 51: 15/3/27 to 20/3/27</b>		<b>Period Count: 00</b>	
PD 1	<b>Closed for Students</b>		
PD 2	<b>Closed for Students</b>		
PD 3	<b>Closed for Students</b>		
PD 4	<b>Closed for Students</b>		
PD 5	<b>Closed for Students</b>		
PD 6	<b>Closed for Students</b>		
<b>WEEK 52: 22/3/27 to 27/3/27, 29/3/27 to 31/3/27</b>		<b>Period Count: 00</b>	
PD 1	<b>Holi</b>		
PD 2	<b>Closed for Students</b>		
PD 3	<b>Closed for Students</b>		

PD 4	<b>Closed for Students</b>		
PD 5	<b>Closed for Students</b>		
PD 6	<b>Closed for Students</b>		