BLOOM PUBLIC SCHOOL

C-8 Vasant Kunj, New Delhi

Syllabus for the Session 2026-27

Class: VI

Subject: Mathematics

MONTH	CHAPTER (NCERT Text book)	CONTENT (Topics)	Practical/Activities
April	**Ch 1: Patterns in Mathematics** **Ch 2: Lines and Angles**	* Number patterns: Squares, Cubes, Triangular, Virahankha. * Shape sequences * Point, Line segment, Line, Ray, Angles	**SEA 1:** Draw various number patterns and creatively decorate them.
May	**Ch 2: Lines and Angles** **Ch 3: Number Play**	* Comparing & measuring angles * Supercells * Patterns of Numbers on the Number Line * Digit sum * Palindromes * The Magic Number of Kaprekar * Clock and Calendar Numbers	**SEA 2:** To make a 'protractor' by paper folding **SEA 3:** To identify a 5-digit palindrome number using logical clues and understand place value concepts
July	**Ch 4: Data Handling and presentation**	* Collecting and Organising Data * Pictographs * Bar Graphs	**SEA 4:** To collect data from students and represent it using a frequency table, pictograph and bar graph.
August	**Ch 5: Prime Time**	*Common Multiples and Common Factors * Prime Numbers * Co-prime numbers * Prime Factorisation * Divisibility Tests	**SEA 5:** To find HCF of two numbers
September	**Revision for Mid term Examination**	Revision Worksheets	-
October	**Ch 6: Perimeter and Area**	* Perimeter of a rectangle, a square & triangle * Perimeter of a regular polygon * Area of a rectangle, a square & triangle	**SEA 6:** To obtain areas of different geometric figures using a Geoboard and verify the results using known formulas

		* Area Maze Puzzles	
November	**Ch 7: Fractions**	* Fractions on number line * Mixed Fractions * Equivalent Fractions * Fractions in simplest form * Comparing Fractions *Adding & Subtracting fractions	**SEA 7:** To find fractions equivalent to a given fraction
December	**Ch 8: Working with Constructions** **Ch 9: Symmetry**	* Constructing angles, line bisector * Constructing Squares and Rectangles * Exploring Diagonals of Rectangles and Squares * Line of Symmetry * Rotational Symmetry	**SEA 8: a)** To construct a house using basic geometrical shapes and measurements. **b)** To create a geometrical flower pattern using a compass. **SEA 9:** To find the lines of symmetry of a figure (say, a rectangle) by paper folding
January	**Ch 10: The other side of zero**	* Integers on Number line * Additive inverse and identity * Adding and subtracting Integers * The Token Model	**SEA 10:** To understand addition and subtraction of integers using coloured squares.
February	**Revision for Annual Examination**	Revision Worksheets	**-**
March	**Bridge Course**	Bridge course worksheets	**-**

ASSESSMENT SYLLABUS	
PERIODIC ASSESSMENT -1	**Ch 1: Patterns in Mathematics** **Ch 2: Lines and Angles** **Ch 3: Number Play**
PERIODIC ASSESSMENT -2	**Ch 6: Perimeter and Area** **Ch 7: Fractions**
MID TERM EXAM	**Ch 1: Patterns in Mathematics** **Ch 2: Lines and Angles** **Ch 3: Number Play** **Ch 4: Data Handling and presentation** **Ch 5: Prime Time**
ANNUAL EXAM	**Ch 1: Patterns in Mathematics** **Ch 2: Lines and Angles** **Ch 3: Number Play** **Ch 4: Data Handling and presentation** **Ch 5: Prime Time** **Ch 6: Perimeter and Area** **Ch 7: Fractions** **Ch 8: Working with Constructions** **Ch 9: Symmetry** **Ch 10: The other side of zero**