Subject : MATHMATICS
Grade : VI
Year : 2018-19

DSE DELHI SCHOOL OF EXCELLENCE
Knowledge is power

Year Planner

Text book used: Math Spark (Britannica Learning)

MONTH& NO. OF WORKING DAYS	UNIT	SUB- UNITS	OBJECTIVES	ACTIVITIES PLANNED	ASSESSMENT / RECAP
March\ April 19 days	**Chapter-1 Knowing Our Numbers** **Chapter-2 Playing with numbers**	*Indian system *International System *Estimation *Roman numbers *BODMAS *Prime and Composite Numbers. *Divisibility test	*To know place values and write numbers in words. *To enable the students to simplify using BODMAS. *To make students learn prime and composite numbers.	*Identifying the place values of the given numbers using Indian and International System.	Work sheet-1
June 20 days	**Chapter-3 HCF&LCM** **Chapter-11 Basic geometrical Concepts**	*HCF&LCM *Point *Line *Line segment *Types of angles *Curves	*To learn multiples and common multiples, Factors and common factors. *To learn types of angles	To find the HCF of two given numbers using the cut and paste method (Page no: 44).	Worksheet-2 Slip test-1,2
July 24 days	**Chapter-4 Natural Numbers and Whole Numbers** **Chapter-12 Understanding Elementary shapes**	*Properties of whole numbers and Natural Numbers *Triangles *Polygons *Quadrilaterals *Circles *Properties of different polygons	* To understand the Properties of whole numbers and natural numbers with different operations. *To learn different types of polygons	To understand the concept of different angles using cardboards and strips (Page no: 171).	Wor sheet-3 Revision Worksheet-1 **PT-1:** Chapter-1:Numbers-Our Friends Chapter-2: Playing with Numbers Chapter-11: Basic Geometrical Concepts.

MONTH& NO. OF WORKING DAYS	UNIT	SUB- UNITS	OBJECTIVES	ACTIVITIES PLANNED	ASSESSMENT / RECAP
August 21 days	**Chapter-05 Integers**	*Addition and subtraction of integers.	*To understand the concepts of integers	Representation of Addition and Subtraction of Integers on a number line.	Worksheet-4 Slip test-3,4
	Chapter-06 Fractions	*Conversions *Addition *Subtraction	*To enable the students to identify different types of fractions.		Revision Worksheet-2
	Chapter-17 Data handling	*Pictographs *Bar graphs	* To represent the data using pictographs and bar graphs.		
September 06 days	**Revision**	-	-		**Half –Yearly (PT-II) Exam:** Chapters- 1,2,3,4,5,6,11,12,
October 14 days	**Chapter-7 Decimals**	*Conversions *Expanded form *Ascending & Descending order *Line symmetry *Nets of solids, polyhedrons	*To enable the students to convert fractions to decimals and vice-versa.	To understand the subtraction of decimals (Page no: 95).	Worksheet-5
	Chapter-14 Symmetry		*To know about symmetry		
	Chapter-13 Types Of Quadrilaterals and Solid Shapes		*To understand different shapes.		
November 19 days	**Chapter-8 Introduction to algebra**	*Like & unlike terms. *Polynomials *Trial & error method *Method of transposition	* To understand the concepts of algebra and writing equations.	To draw and understand the different types of Quadrilaterals (Page no: 187).	Worksheet-6 Slip test-5
	Chapter-9 Linear Equations		* To apply both the methods.		

MONTH & NO. OF WORKING DAYS	UNIT	SUB-UNITS	OBJECTIVES	ACTIVITIES PLANNED	ASSESSMENT / RECAP
December 22 days	**Chapter-10 Ratio and Proportion** **Chapter-15 Constructions**	*Unitary method *Comparison of ratios Construction of different angles 90˚, 45˚, 60˚, 30˚, 15˚, 120˚ and circles.	* To understand the concepts of unitary method and ratio. *To teach students to construct circle & angular bisectors.	To develop the concept of ratios (Page no: 131).	Worksheet-7 Slip test-6
January 19 days	**Chapter-16 Perimeter and area**	*Perimeter and area of square and rectangle	*To understand the concepts of perimeter and area and their units.	Measure the dimensions of various day - to - day shapes and find the perimeter and area of the shapes.	Worksheet-8 Revision Worksheet-3 **PT-III:** Chapter-7: Decimals Chapter -8: Introduction to algebra Chapter-15 Constructions
February 06 days	**Revision**	-	-	-	Revision Worksheet-4-

Annual Examination Portion: Chapters:5,7,8,9,10,13,14,15,16,17.