

VIGNANA JYOTHI PUBLIC SCHOOL

YEAR PLAN: 2022- 23

Class - V

Subject: Mathematics

	Month	Chapters	Activity/Project
TERM-1	April	Theme 1: Numbers 1. More on Large numbers	Puzzle – solving using the clues given ,Hands-on activity to solve puzzles on Roman numerals using match sticks.
	June	Theme 2: Number Operations 2. Addition and Subtraction 3. Multiplication and Division	Magic square should have the same total horizontally, vertically and diagonally, Coding and decocing of letters to numbers, Multiplication tricks
	July	Theme 3: Fractions and Decimals 4. Fractions * Revision for Mid Term-1	Math Lab and Fun activities using paper strips and real world examples
	August	Theme 3: Fractions and Decimals 5. Decimals	Understanding of decimal numbers on the Abacus, Daily life examples
	September	Theme 4: Playing with Numbers 6. Factors and Multiples	To make a Factor Grid, Giving pictures with Prime and Composite numbers and shading prime numbers with one colour and composite with another colour.
	October	Theme 5: Introduction to Negative Numbers 7. Negative Numbers * Revision for Term-1	Daily life examples, Number grids ,and real word examples: Placing the Thermometer inside the refrigerator for a few minutes on each shelf and note the different temperatures.
Term II	November	Theme 6: Geometry 8. Lines and Angles Theme 7: Measurement 9. Metric Measures	*Making nets of different shapes. *Measuring the heights and weights of each student using tape and weighing machine respectively.
	December	Theme 7: Measurement 10. Perimeter, Area and Volume 11. Time and Money *Revision for Mid Term - 2	* Plan of a plaza is given and children are asked to find the area of the ball room, perimeter of swimming pool etc. * Making a cardboard box of given Volume. *Activity with clock and Duplicate money.

	Month	Chapters	Activity/Project
	January	Theme 8: Introduction to Percentage 12. Percentage	Finding their own percentage of marks obtained in different subjects, Grids shading
	February	Theme 9: Data Handling 13. Representation of Data Theme 10: Patterns 14. Patterns * Revision for Term - 2	* Ask the students to collect the data about Zodiac signs of their friends and then draw a Pictograph, a Bar graph, A Pie chart * Patterns puzzles