Continuous Learning Process (CLP)
Class VI

Mathematics

S. No.	Month	Chapter Number And Chapter Name	Learning outcomes
1.	April	Chapter 1 *Knowing* Our Numbers	The learner • Compares numbers as greatest and smallest and also learnt to arrange them in ascending and descending order • Explore larger numbers like 10 lakh and crore • Learns to express a given number using commas • Estimates the given number to the nearest place while finding the sum, difference and product using general rules. Skills: Analyzing and relating the topic with daily life situations
2.	May	Chapter 2 Whole numbers	The learner • Recognizes predecessor and successor of a given number • Expresses addition , subtraction and multiplication on the number line • Learns and applies properties of whole numbers in simplifying calculations • Observes that patterns with numbers are not only interesting but are useful especially for verbal calculations and helping one to understand properties of numbers better Skills: Comparative learning

3.	July	Chapter 3 Playing with Numbers	The learner • Learns to find factors and multiples of a given number • Differentiate between prime and composite numbers • Applies the tests for divisibility of numbers • Discovered that if two numbers are divisible by a number then their sum and difference are also divisible by that number Skills: Develops calculation come analyzing skills.
4.	August	Chapter 6 Integers	The learner • Describes integers with examples of temperature scale , water level in lake or river, level of oil in tank • expresses addition of integers and subtraction of integers on a number line. • Observes that when we have the same sign then we have to add and put the same sign but when two negative integers are added we get a negative integer
		Chapter 7 Fractions (only exercise 7.1)	• Represent fraction of a given figure Skills : Practical and intellectual values
5.	September	Chapter - 7 Fractions	The learners • Represent fractions on the number line • Identifies improper and proper fractions along with their equivalent fractions • Compare like fractions
		Chapter – 9 Data handling	• Interprets pictographs and bar graphs • Learns how to represent a given data by using both bar graph as well as a pictograph Skills : Statistical and drawing skills

6.	October	Chapter 5 Understanding elementary shapes	The learners - Identify different shapes in the surroundings - Describe geometrical ideas like Line , line segment , open and closed figures , angles, triangles , quadrilaterals etc. with the help of examples in the surrounding . - Identifies and classifies angles. - Observes the characteristics of various geometrical figures. Skills : Practical skills.
7 .	November	Chapter 10 Mensuration	The learner - Recognizes perimeter and area of a given figure . - Calculate the perimeter and area of both regular and an irregular figure . - Understands that figures in which all sides and angles are equal are called regular closed figures . - Explore how to calculate area of a figure using a squared (graph) paper. Skills: Observational skills .
8 .	December	Chapter - 11 Algebra Chapter - 12 Ratio and Proportion (only about ratio exercise 12.1)	The learner - Observe patterns of making letters and other shapes using matchsticks. - Understands about variables . - Explores use of variables to express many common rules in both geometry and arithmetic . - Solves given equations . - Understands ratios in different situations . Skills : Develops equation solving skills .

| 9 . | January | Chapter - 12
Ratio and proportions (only about proportions along with exercise 12.2 and exercise 12.3)
Chapter - 14
 Practical Geometry | The learner
• Recognizes proportions .
• Solves day to day problems related to proportions
• Constructs circles , line segments , perpendiculars , perpendicular bisectors of line segment , angle and the bisectors etc.
• Learns to draw different angles of given measures using only ruler and compasses .
• Uses unitary method in solving various word problems .
Skills : Drawing skills as well as problem solving skills . |