

Annual Syllabus

Class-VI (2023-24)

Subject: Mathematics

Chapter No. and Name	Content and its mapping with previous classes	Learning Outcomes	Suggested Activities
Chapter-1 Knowing our numbers	<p>Class IV– Introduction - Comparing numbers, numbers in practice (lakh) (Use Worksheet No.9,11,37,61)</p> <p>Class V– Introduction - Comparing numbers, big numbers in practice (Crore)(Use Worksheet No.4,7,9)</p> <p>Class VI – Introduction, Comparing Numbers and Estimating to – nearest tens, hundreds, thousands, sum and difference, product, Roman Numerals. (Use Worksheet No. 1,3,4,7,9,10,11,12,13)</p>	<p>The learner will be able to:</p> <ul style="list-style-type: none"> Differentiate between Indian system and International system of numeration. Estimate the given number. 	<ul style="list-style-type: none"> Count number of rooms of your school. Find the number of students in all sections of class. Count in groups to understand multiply. Distribute the things in groups to understand division.
Chapter-4 Basic Geometric Ideas	<p>Class IV– Circle (Use Worksheet No.115,121)</p> <p>Class V– Triangles (basic shape and number of angles in it), Angles, Line (Use Worksheet No.96,100,106)</p> <p>Class VI–Introduction, Points, A Line Segment, A Line, Intersecting Lines, Parallel Lines, Ray, Curves, Polygons, Angles, Triangles. Quadrilaterals, Circles. (Use Worksheet No. 34)</p>	<p>The learner will be able to:</p> <ul style="list-style-type: none"> Identify geometrical figures like point, ray, line, line segment, parallel line, intersecting lines in the surroundings and give examples. Identify the geometrical shapes like triangles, quadrilaterals, circles and their parts. 	<ul style="list-style-type: none"> Example of line and line segment from daily life. Identify triangle, quadrilateral, circle from surroundings. Discussion on the topic of light of sun and candle.
<p>➤ The above content must be completed by 30th September, 2023.</p> <p>➤ Mental Maths & Maths Lab Activities</p> <p>➤ Revision of syllabus for Mid Term Examination</p>			
MID TERM EXAMINATION- 2023			
Chapter-5 Understanding Elementary Shapes	<p>Class V–Measuring of line, Angles- Right, Straight, More than 90°, Less than 90°, 3D shapes (Use Worksheet No.96,100,106,109)</p>	<p>The learner will be able to:</p> <ul style="list-style-type: none"> Classify the angles as acute, obtuse, reflex, straight, and complete and can measure and draw them. 	<ul style="list-style-type: none"> Give example of shapes from surroundings. Identify different types of angles and triangles in your surroundings.

	Class VI – Introduction, Measuring Line Segments, Angles-Right and Straight, Angles-Acute, Obtuse and Reflex, Measuring Angles, Perpendicular Lines, Classification of Triangles, Quadrilaterals, Polygons (Use Worksheet No. 29,31,32,33)	<ul style="list-style-type: none"> Identify the triangles on the basis of sides and angles. Identify different quadrilaterals as square, rectangle, parallelogram, rhombus and trapezium. 	
Chapter-6 Integers	*Class IV – same as Chapter 1 (Use Worksheet No.9,11,37,61) *Class V – same as Chapter 1 (Use Worksheet No.96,100,106) Class VI – Introduction, Integers- Representation on Number Line, Ordering of Integers, Addition of Integers, and Subtraction of Integers with the help of a Number Line. (Use Worksheet No. 14,15,16,17) Note: content not to be taught- section 6.2 except 6.2.1, 6.2.2, section 6.3 exercise 6.2 section 6.4 exercise 6.3	The learner will be able to: <ul style="list-style-type: none"> Identify the integers and represent it on number line. Compare the different integers and write integers in orders. 	<ul style="list-style-type: none"> Explaining integers with the help of stairs Find temperature of Kashmir and Delhi in summer and winter and compare it
Chapter-7 Fractions	Class IV –Parts and Wholes (Halves and Quarters) Class V – Equivalent and Mixed fractions are there without using the term(Use Worksheet No.130,135,141,143) Class VI – Introduction, A Fraction, Fraction on Number Line, Proper Fractions, Improper and Mixed Fractions, Equivalent Fractions, Simplest Form of a Fraction, Like Fractions, Comparing Fractions, Addition and Subtraction of Like Fractions. (Use Worksheet No. 18,19,20,21,22,23)	The learner will be able to: <ul style="list-style-type: none"> Represent fraction on number line and shade the given portion as fraction. Identify fractions as proper, improper, mixed and equivalent and like fractions. Compare, add and subtract fractions and solve daily life problems involving fractions. 	<ul style="list-style-type: none"> Divide classroom into parts and write fraction Paper folding activities Role play
Chapter-8 Decimals	Class V –Tenths, Hundredths, Addition and Subtraction Class VI – Introduction, Tenths, Hundredths, Comparing Decimals, Using Decimals, Addition of Decimals, Subtraction of Decimals.	The learner will be able to: <ul style="list-style-type: none"> Identify and compare decimals. Solve daily life problems involving decimals. 	<ul style="list-style-type: none"> Use of graph paper to explain decimal Daily life examples like converting rupee into paisa, cm into metre etc.

- **The whole syllabus must be completed by 31st January, 2024.**
- **Mental Maths & Maths Lab Activities**
- **Revision of syllabus for Annual Examination**
- **Annual Examination will be based on complete syllabus.**

ANNUAL EXAMINATION- 2023

Note: The above said syllabus is for assessment purpose only and remaining topics/chapters may be taught as Subject Learning Enrichment.