

Class	Lesson	Materials	Time
P 1	Numbers	<ul style="list-style-type: none"> <li>Counting <math>\leq 50</math></li> <li>Numbers <math>\leq 50</math></li> <li>Comparing numbers <math>\leq 50</math></li> <li>Ordering numbers</li> <li>Addition and subtraction</li> <li>Solving word problems</li> </ul>	July
	Measurement	<ul style="list-style-type: none"> <li>Time measurement</li> <li>Length measurement</li> </ul>	August
	3D shapes	<ul style="list-style-type: none"> <li>3D shapes</li> <li>Grouping 3D shapes</li> <li>Ordering similar 3D shapes according to their size</li> </ul>	September - October
	Numbers	<ul style="list-style-type: none"> <li>Introducing numbers <math>\leq 100</math></li> <li>Tens and units place values <math>\leq 100</math></li> <li>Ordering numbers <math>\leq 100</math></li> <li>Commutative and associative properties of addition</li> <li>Mixed arithmetic operation of addition and subtraction</li> </ul>	November
	Measurement of weight	<ul style="list-style-type: none"> <li>Introducing weight</li> <li>Comparing weight of objects</li> <li>Measuring weight of objects using informal units</li> </ul>	January
	Plane shapes	<ul style="list-style-type: none"> <li>Triangles</li> <li>Quadrilaterals</li> <li>Circles</li> </ul>	February
	Numbers up to 500	<ul style="list-style-type: none"> <li>Counting up to 500</li> <li>Numbers up to 500</li> <li>Ordering numbers up to 500</li> </ul>	March
	Measurement of time, length and weight	<ul style="list-style-type: none"> <li>Measurement of time</li> <li>Duration of an activity</li> <li>Measurement of length</li> <li>Estimating length</li> <li>Measurement of weight</li> </ul>	April
	Multiplication and division	<ul style="list-style-type: none"> <li>Multiplication 1, 2 and 10</li> <li>Multiplication as repeated additions 1, 2 and 10</li> <li>Division 1, 2 and 10</li> <li>Relation between multiplication and division</li> <li>Mixed arithmetic operations</li> </ul>	May

P2	Numbers up to 500	<ul style="list-style-type: none"> <li>• Counting up to 500</li> <li>• Numbers up to 500</li> <li>• Comparing and ordering numbers up to 500</li> <li>• Skip counting up to 500</li> <li>• Addition up to 500</li> <li>• Subtraction up to 500</li> </ul>	July
	Measurement of time, length and weight	<ul style="list-style-type: none"> <li>• Measurement of time</li> <li>• Duration of an activity</li> <li>• Measurement of length</li> <li>• Estimating length</li> <li>• Measurement of weight</li> </ul>	September
	Multiplication and division	<ul style="list-style-type: none"> <li>• Multiplication 3, 4, 5, 6, 7, 8, 9</li> <li>• Multiplication as repeated additions</li> <li>• Division 3, 4, 5, 6, 7, 8, 9</li> <li>• Relation between multiplication and division</li> <li>• Mixed arithmetic operations</li> </ul>	November - January
	Shapes	<ul style="list-style-type: none"> <li>• What are simple shapes?</li> <li>• Classifying shapes</li> <li>• Ordering shapes by their size</li> <li>• Sides of a shape</li> <li>• Angles of a shape</li> <li>• Constructing a shape</li> </ul>	February
	Arithmetic operation	<ul style="list-style-type: none"> <li>• Numbers up to 1.000</li> <li>• Number line up to 1.000</li> <li>• Addition and subtraction up to 1.000</li> <li>• Multiplication and division up to 1.000</li> <li>• Mixed operations up to 1.000</li> <li>• Money</li> </ul>	March – April
	Measurement	<ul style="list-style-type: none"> <li>• Measuring time</li> <li>• Measuring length</li> <li>• Measuring weight</li> </ul>	May

P3	Arithmetic operation	<ul style="list-style-type: none"> <li>• Numbers up to 10.000</li> <li>• Number line up to 10.000</li> <li>• Addition and subtraction up to 10.000</li> <li>• Multiplication and division up to 10.000</li> <li>• Mixed operations up to 10.000</li> <li>• Money</li> </ul>	July – August
	Measurement	<ul style="list-style-type: none"> <li>• Measuring time</li> <li>• Measuring length</li> <li>• Measuring weight</li> </ul>	September
	Fractions	<ul style="list-style-type: none"> <li>• Recognizing the meaning of fraction</li> <li>• Comparing fractions</li> <li>• Problem solving related to fractions</li> </ul>	October - November
	Plane shapes	<ul style="list-style-type: none"> <li>• Elements of plane shape</li> <li>• The properties of plane shapes</li> <li>• Drawing plane shapes</li> <li>• Types and sizes of angles</li> </ul>	January
	Plane shapes	<ul style="list-style-type: none"> <li>• Perimeter of plane shapes</li> <li>• Area of plane shapes</li> </ul>	February
	Arithmetic operations	<ul style="list-style-type: none"> <li>• The properties of arithmetic operation up to 100.000</li> <li>• Place values (units, tens, hundreds, tens, thousands, ten thousands, hundred thousands)</li> <li>• Comparing and ordering numbers up to 100.000</li> <li>• Multiplication</li> <li>• Division</li> <li>• Mixed arithmetic operation</li> <li>• Rounding and estimating</li> <li>• Writing the value of money</li> </ul>	March – May

P 4	Arithmetic operations	<ul style="list-style-type: none"> <li>• The properties of arithmetic operation up to 1.000.000</li> <li>• Place values (units, tens, hundreds, tens, thousands, ten thousands, hundred thousands, millions)</li> <li>• Comparing and ordering numbers up to 1.000.000</li> <li>• Multiplication</li> <li>• Division</li> <li>• Mixed arithmetic operation</li> <li>• Rounding and estimating</li> <li>• Writing the value of money</li> </ul>	July – August
	LCM and GCF	<ul style="list-style-type: none"> <li>• Multiples and factors</li> <li>• Prime numbers</li> <li>• LCM and GCF ('KPK dan FPB')</li> <li>• Problem solving</li> </ul>	September - October
	Measurement	<ul style="list-style-type: none"> <li>• Measuring angles</li> <li>• Relations among units of measurement</li> </ul>	November
	Perimeter and area of polygons	<ul style="list-style-type: none"> <li>• Perimeter of triangles and parallelograms</li> <li>• Area of triangles and parallelograms</li> <li>• Problem solving</li> </ul>	November
	Integers	<ul style="list-style-type: none"> <li>• Integers and their symbols</li> <li>• Comparing and ordering integers</li> <li>• Arithmetic operations on integers</li> <li>• Integers word problems</li> </ul>	January
	Fractions	<ul style="list-style-type: none"> <li>• Common fractions</li> <li>• Simplifying fractions</li> <li>• Addition and subtraction of common fraction</li> <li>• Decimal fraction</li> </ul>	February
	Numerals	<ul style="list-style-type: none"> <li>• Recognizing the symbols of roman numerals</li> <li>• Expressing whole numbers as roman numerals and vice versa</li> </ul>	March
	Cuboids and cubes	<ul style="list-style-type: none"> <li>• The properties of cuboids and cubes</li> <li>• Drawing cuboids and cubes</li> <li>• Drawing the net of cuboids and cubes</li> </ul>	April
	Symmetry and reflection	<ul style="list-style-type: none"> <li>• Symmetrical objects and shapes</li> <li>• Line of symmetry or mirror line</li> <li>• Drawing the reflections of a shape</li> </ul>	May

P 5	Integers	<ul style="list-style-type: none"> <li>• Arithmetic operations of integers</li> <li>• Mixed arithmetic operations of integers</li> <li>• Squares and squares roots</li> <li>• GCF and LCM</li> </ul>	July – August
	Measurement	<ul style="list-style-type: none"> <li>• Time measuring</li> <li>• Measuring angles on a clock</li> <li>• Angle measurement</li> <li>• Distance and velocity</li> </ul>	September
	Trapezium and kites	<ul style="list-style-type: none"> <li>• Calculating the area of a trapezium</li> <li>• Calculating the area of a kite</li> <li>• Problem solving</li> </ul>	October
	Cubes and cuboids	<ul style="list-style-type: none"> <li>• The volume of cubes and cuboids</li> <li>• The volume of combined solids</li> <li>• Problem solving</li> </ul>	November
	Fractions	<ul style="list-style-type: none"> <li>• Various forms of fractions</li> <li>• Changing the type of fractions</li> <li>• Additions and subtraction of fractions</li> <li>• Ratio and scaling</li> </ul>	January - February
	Plane and solid shapes	<ul style="list-style-type: none"> <li>• Plane shapes</li> <li>• Solid shapes</li> <li>• The nets of simple solid shapes</li> <li>• Similarity and symmetry</li> </ul>	February – March
	Arithmetic operations	<ul style="list-style-type: none"> <li>• Finding unknown terms in arithmetic operations</li> <li>• Mixed arithmetic operations</li> <li>• GCF and LCM</li> <li>• Cubed numbers</li> <li>• Cube roots</li> <li>• Cubing decimals</li> </ul>	April
	Measuring of discharge liquids	<ul style="list-style-type: none"> <li>• Units of liquids discharge</li> <li>• Problems related to liquid discharge</li> </ul>	May

P 6	Geometry	<ul style="list-style-type: none"> <li>• Finding the area of a polygon</li> <li>• Finding the area of a circle</li> <li>• Volume of triangular prisms and cylinders</li> </ul>	July – August
	Data handling	<ul style="list-style-type: none"> <li>• Collecting and reading data</li> <li>• Processing and presenting data in tables</li> <li>• Interpreting presentation data</li> </ul>	September
	Fractions	<ul style="list-style-type: none"> <li>• Simplifying and ordering fractions</li> <li>• Changing fractions into decimal fractions and vice versa</li> <li>• Determining the fraction parts of a certain number or quantity</li> <li>• Performing arithmetic operation involving various types of fraction</li> <li>• Solving ratio and scaling problems</li> </ul>	October
	Positions	<ul style="list-style-type: none"> <li>• Creating a sketch of an object's position</li> <li>• Recognizing the location of an object</li> <li>• Determining the point position in Cartesian coordinate system</li> </ul>	November
	Mean and Mode	<ul style="list-style-type: none"> <li>• Presenting data in diagrams</li> <li>• Sorting data</li> <li>• Determining the mean and mode of a set of data</li> <li>• Interpreting the result of data processing</li> </ul>	January
		<ul style="list-style-type: none"> <li>• Reviewing all materials P 4 – P 6</li> </ul>	February - May