

State Council of Education Research and Training (SCERT) - Porvorim Goa					
Academic Calender for Elementary Stage 2024 – 25					
Grade : 5 th Subject : Mathematics					
Sr. No	Month & Year	Unit No/ Chapter No.	Name of Unit/ Topic	Sub Topics	No of Days
1.	Jun-24	01	Fish Tale	· large Numbers (expanded form, in words and figures, · Simple Operations (+,-,*,/) · Shapes (draw fishes as per basic shapes) · Bill calculation · Estimation (weight, speed, time) · Word problems	15
				place values, ascending/descending)	
		02	Shapes and Angles	· Closed and open figures (Polygon introduction) · Angles and its units of measurements(types of angles) · Use of protractor (constructing angles with the help of protractor) · Time and angles	6
2.	Jul-24	03	How many Squares	· Concept of area (definition and comparison by observation) · Area of square, rectangle and triangle and other polygon (by	12
				counting squares using graph paper) · Perimeter of square and rectangle (by counting the squares on graph	

				paper)	
		04	Parts and Whole	· Introduction (equal part and whole) · Pattern in parts (fraction) · Coloured part in terms of fraction and vice versa · Equivalent fraction (obtaining by multiplication) · Types of fraction (proper, improper and mixed) · Bill formation (as per their level – avoid decimals) · Addition and subtraction of like fractions	15
3.	24-Aug	05	Does it look the same	· Making Patterns (symmetrical) · Mirror image · Turns ($\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$) · Lines of Symmetry (alphabet, numbers)	12
		13	Ways to multiply and divide	· Simple Word problem on multiplication · Simple word problem on division	14
4.	Sept-24 24	13	Ways to multiply divide		4
			and divide		
		06	Be my multiple, I'll be factor	· Prime and composite numbers · Multiples · Common multiples (computing L.C.M) · Factors (general factors, prime factors) · Common factor (computing H.C.F) · Factor tree	15
5.	oct-24 24	07	Can you see pattern	· Turn rules and pattern · Magic hexagon magic square (3*3) · Odd and even	14
			the pattern		

	End of Semester I : Diwali Vacation				
6.	Nov-24	08	Mapping yourways	· Map reading· direction	12
				· Distance and scale · Goa and India map (reading and answering)	
7.	Dec-24	09	Boxes and sketches	· 2D and 3D objects in the form of nets(cube , cuboid, cylinder, cone, sphere) · Concept of edges, vertices and faces w.r.t 3D figures · Different views of 3D objects(top, front and side)	10
		10	Tenths and Hundredths	· Place value chart · Expanded form · Writing decimal number in words and vice versa · Comparison of decimal numbers	7
8.	January 2025	10	Tenths and Hundredths	· Addition and subtraction of decimal numbers · Multiplication (multiplier and multiplicand as decimal number and division (to	11
				obtain decimal quotient) · Converting decimal to fraction	
		12	Smart charts	· Tally marks (frequency distribution table) · Bar graph to read and answer questions · Pie chart to read and answer questions	14
9.	25-Feb	11	Area and its boundaries	· Measurement of dimensions of different object which are in square and rectangular shape · Area of square and rectangle using formula · Perimeter of square and rectangle using formula	23

10.	25-Mar	14	How big? How heavy?	· Volume of cube and cuboid · Conversions units (length, weight and capacity, time and currency)	19
11.	25-Apr	-	-		
	End of Semester II: Summer Vacation				