

Curricular Goals	Competencies as per NCFSE 2023	No. of Questions			Marks	Overall Weightage
		VSA (1)	SA (2)	LA (4)		
Understands numbers (counting numbers and fractions), represents whole numbers using the Indian place value system, understands and carries out the four basic operations with whole numbers, and discovers and recognizes patterns in number sequences.	C-1.1 Represents numbers using the place-value structure of the Indian number system, appreciates the key role of zero in this system, compares the sizes of whole numbers, and knows and can read the names of very large numbers.	2			2	10
	C-1.2 Represents and compares commonly used fractions in daily life (such as $\frac{1}{2}$, $\frac{1}{4}$, etc.) as parts of unit wholes, as locations on number lines, and as divisions of whole numbers.		1		2	
	C-1.3 Identifies relationships amongst operations and applies the four basic operations on whole numbers to solve daily life problems.	2	1		4	
	C-1.4 Discovers, recognises, describes, and extends simple number patterns such as odd numbers, even numbers, square numbers, cubes, powers of 2, powers of 10, and Virahanka-- Fibonacci numbers.		1		2	
Analyses the characteristics and properties of two- and three-dimensional geometric shapes, specifies locations and describes spatial relationships, and recognises and creates shapes that have symmetry.	C-2.1 Identifies, compares, and analyses attributes of two- and three-dimensional shapes and develops vocabulary to describe their attributes/properties.	2	1		4	12
	C-2.2 Identifies and builds a three-dimensional object from two-dimensional representations of that object.					
	C-2.3 Describes location and movement using both common language and mathematical vocabulary; understands the notion of map (najri naksha).			1	4	
	C-2.4 Recognises and creates symmetry (reflection, rotation) in familiar 2D and 3D shapes	2			2	
	C-2.5 Discovers, recognizes, describes, and extends patterns in 2D and 3D shapes.		1		2	

Understands measurable attributes of objects and the units, systems, and processes of such measurement, including those related to distance, length, mass, weight, area, volume, and time, using non-standard and standard units.	C-3.1 Measures using non-standard and standard units and recognises and appreciates the need for standard units.	1			1	12
	C-3.2 Uses an appropriate unit and tool for the attribute being measured					
	C-3.3 Carries out simple unit conversions, such as from centimetres to metres, within a system of measurement, and solves daily life problems	2			2	
	C-3.4 Devises strategies for estimating the distance, length, time, , perimeter (for regular and irregular shapes), area (for regular and irregular shapes), weight and volume		2		4	
	C-3.5 Deduces that shapes having equal areas can have different perimeters and shapes having equal perimeters can have different areas	1			1	
	C-3.6 Measures distance, length, perimeter, time, weight, area, and volume and to solve daily life problems.			1	4	
Develops problem-solving skills with procedural fluency, to solve mathematical puzzles as well as daily life problems, and as a step towards developing computational thinking.	C-4.1 Solves puzzles and daily life problems involving one or more operations on whole numbers.		1		2	6
	C-4.2 Selects appropriate methods and tools for computing with whole numbers such as mental computation, estimation, or paper and pencil calculation, in accordance with the context			1	4	
	TOTAL	12	18	12	40	40