



District Report Card: 2017


State: Gujarat	District: Surendranagar
Class: 5	Subject: Mathematics
Schools: 61	Students: 1390


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	716	51.51	674	48.49

AREA 	Rural		Urban	
	Number	%	Number	%
	1111	79.93	279	20.07

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	162	11.65	45	3.24	1127	81.08	56	4.03

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	4	0	1	7	29

Management 	Government		Government-aided	
	Number	%	Number	%
	1332	95.83	58	4.17

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
47.77	46.94	48.66	47.65	48.27	48.04	41.61	48.19	36.74	48.45	41.79

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	57.55
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	40.17
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	62.30
M421	Represent the collected information in tables and bar graphs and draws inferences from these	51.94
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	45.54
M504	Estimates sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation	49.00
M505	Finds the number corresponding to part of a collection	54.89
M506	Identifies and forms equivalent fractions of a given fraction	37.70
M508	Converts fractions into decimals and vice versa	51.16
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	45.26
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	47.99
M513	Estimates the volume of a solid body in known units.	33.96
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	40.52
M515	Identifies the pattern in triangular numbers and square number	40.22
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	55.01

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
318	22.88	469	33.74	443	31.87	160	11.51

Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (33.96)
- 2 - Identifies and forms equivalent fractions of a given fraction (37.70)
- 3 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (40.17)
- 4 - Identifies the pattern in triangular numbers and square number (40.22)
- 5 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (40.52)