



District Report Card: 2017


State: Gujarat	District: Rajkot
Class: 5	Subject: Mathematics
Schools: 61	Students: 1329


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	784	58.99	545	41.01

AREA 	Rural		Urban	
	Number	%	Number	%
	922	69.38	407	30.62

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	179	13.47	71	5.34	973	73.21	106	7.98

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	1	0	2	1	7

Management 	Government		Government-aided	
	Number	%	Number	%
	1315	98.95	14	1.05

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
59.52	59.84	59.06	60.22	57.94	59.92	21.43	61.45	62.25	58.51	63.65

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	67.57
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	54.95
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	71.70
M421	Represent the collected information in tables and bar graphs and draws inferences from these	66.52
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	62.30
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	56.10
M505	Finds the number corresponding to part of a collection	67.82
M506	Identifies and forms equivalent fractions of a given fraction	47.25
M508	Converts fractions into decimals and vice versa	63.62
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	55.12
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	66.22
M513	Estimates the volume of a solid body in known units.	46.42
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	51.58
M515	Identifies the pattern in triangular numbers and square number	52.37
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	64.14

Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
147	11.06	345	25.96	467	35.14	370	27.84

Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (46.42)
- 2 - Identifies and forms equivalent fractions of a given fraction (47.25)
- 3 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (51.58)
- 4 - Identifies the pattern in triangular numbers and square number (52.37)
- 5 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (54.95)