



District Report Card: 2017


State: Gujarat	District: Aravalli
Class: 5	Subject: Mathematics
Schools: 61	Students: 971


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	513	52.83	458	47.17

AREA 	Rural		Urban	
	Number	%	Number	%
	914	94.13	57	5.87

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	48	4.94	289	29.76	610	62.82	24	2.47

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

Management 	Government		Government-aided	
	Number	%	Number	%
	971	100.00	0	0.00

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
59.52	58.15	61.05	59.33	62.57	59.52	0.00	64.17	63.92	57.02	60.83

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	66.01
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	51.05
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	75.09
M421	Represent the collected information in tables and bar graphs and draws inferences from these	65.40
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	63.03
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	61.87
M505	Finds the number corresponding to part of a collection	63.59
M506	Identifies and forms equivalent fractions of a given fraction	42.43
M508	Converts fractions into decimals and vice versa	61.09
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	58.20
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	64.50
M513	Estimates the volume of a solid body in known units.	49.79
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	56.90
M515	Identifies the pattern in triangular numbers and square number	47.06
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	54.16

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
112	11.53	222	22.86	368	37.90	269	27.70

Lowest Performing Learning Outcomes (LOs)

- 1 - Identifies and forms equivalent fractions of a given fraction (42.43)
- 2 - Identifies the pattern in triangular numbers and square number (47.06)
- 3 - Estimates the volume of a solid body in known units. (49.79)
- 4 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (51.05)
- 5 - Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it (54.16)