



**District Report Card: 2017**


<b>State:</b> Gujarat	<b>District:</b> Vadodara
<b>Class:</b> 5	<b>Subject:</b> Mathematics
<b>Schools:</b> 61	<b>Students:</b> 1319


**Participation/Coverage**


**Students**

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	653	49.51	666	50.49

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	988	74.91	331	25.09

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	81	6.14	202	15.31	549	41.62	487	36.92

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	4	3	0	1	4	25

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	1234	93.56	85	6.44

**Average Performance of Students in Mathematics (%)**

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
52.13	50.90	53.32	54.35	45.48	53.39	33.80	53.83	49.83	50.55	54.57

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	64.82
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	47.49
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	65.28
M421	Represent the collected information in tables and bar graphs and draws inferences from these	55.50
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	52.08
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	54.08
M505	Finds the number corresponding to part of a collection	55.93
M506	Identifies and forms equivalent fractions of a given fraction	38.36
M508	Converts fractions into decimals and vice versa	49.47
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	47.75
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	56.95
M513	Estimates the volume of a solid body in known units.	41.70
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	48.13
M515	Identifies the pattern in triangular numbers and square number	41.70
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	61.48

### Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
310	23.50	341	25.85	376	28.51	292	22.14

## Lowest Performing Learning Outcomes (LOs)

- 1 - Identifies and forms equivalent fractions of a given fraction (38.36)
- 2 - Identifies the pattern in triangular numbers and square number (41.70)
- 3 - Estimates the volume of a solid body in known units. (41.70)
- 4 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (47.49)
- 5 - Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing (47.75)