



District Report Card: 2017


State: Gujarat	District: Banas Kantha
Class: 5	Subject: Mathematics
Schools: 61	Students: 1477


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	780	52.81	697	47.19

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1389	94.04	88	5.96

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	183	12.39	90	6.09	997	67.50	207	14.01

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	4	0	2	1	2

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1448	98.04	29	1.96

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
64.40	64.19	64.63	64.54	62.12	64.79	44.83	65.97	68.30	63.80	64.19

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	75.83
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	55.97
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	73.03
M421	Represent the collected information in tables and bar graphs and draws inferences from these	70.82
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	70.14
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	58.82
M505	Finds the number corresponding to part of a collection	73.26
M506	Identifies and forms equivalent fractions of a given fraction	51.73
M508	Converts fractions into decimals and vice versa	62.28
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	62.16
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	65.64
M513	Estimates the volume of a solid body in known units.	52.13
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	60.09
M515	Identifies the pattern in triangular numbers and square number	51.79
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	70.32

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
125	8.46	279	18.89	553	37.44	520	35.21

Lowest Performing Learning Outcomes (LOs)

- 1 - Identifies and forms equivalent fractions of a given fraction (51.73)
- 2 - Identifies the pattern in triangular numbers and square number (51.79)
- 3 - Estimates the volume of a solid body in known units. (52.13)
- 4 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (55.97)
- 5 - 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 (58.82)