



### District Report Card: 2017


<b>State:</b> Goa	<b>District:</b> North Goa
<b>Class:</b> 5	<b>Subject:</b> Mathematics
<b>Schools:</b> 148	<b>Students:</b> 3862


### Participation/Coverage


#### Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	1974	51.11	1888	48.89

AREA 	Rural		Urban	
	Number	%	Number	%
	2501	64.76	1361	35.24

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	52	1.35	209	5.41	631	16.34	2970	76.90

CWSN 	LD	VI	HI	S&LD	ID	Oth
	0	0	1	5	1	12

Management 	Government		Government-aided	
	Number	%	Number	%
	748	19.37	3114	80.63

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
45.68	45.27	46.12	45.03	46.89	42.41	46.47	42.56	45.74	48.72	45.09

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	37.29
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	48.32
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	60.77
M421	Represent the collected information in tables and bar graphs and draws inferences from these	52.59
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	47.38
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	43.40
M505	Finds the number corresponding to part of a collection	53.48
M506	Identifies and forms equivalent fractions of a given fraction	35.89
M508	Converts fractions into decimals and vice versa	54.54
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	58.15
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	40.97
M513	Estimates the volume of a solid body in known units.	27.73
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	30.63
M515	Identifies the pattern in triangular numbers and square number	33.61
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	71.65

### Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
868	22.48	1403	36.33	1356	35.11	235	6.08

## Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (27.73)
- 2 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (30.63)
- 3 - Identifies the pattern in triangular numbers and square number (33.61)
- 4 - Identifies and forms equivalent fractions of a given fraction (35.89)
- 5 - Applies operations of numbers in daily life situations (37.29)