



District Report Card: 2017


State: Odisha	District: Puri
Class: 5	Subject: Mathematics
Schools: 50	Students: 846


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	422		49.88		424		50.12	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	637		75.30		209		24.70	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	195	23.05	16	1.89	518	61.23	117	13.83

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	0	2	1	0	3

<div>Management</div> <div></div>	Government				Government-aided			
	Number		%		Number		%	
	846		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
61.63	61.11	62.15	63.98	54.48	61.63	0.00	60.55	51.67	62.05	62.96

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	64.89
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	55.23
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	77.33
M421	Represent the collected information in tables and bar graphs and draws inferences from these	68.91
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	71.16
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	54.02
M505	Finds the number corresponding to part of a collection	62.69
M506	Identifies and forms equivalent fractions of a given fraction	48.23
M508	Converts fractions into decimals and vice versa	60.83
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	70.02
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	55.17
M513	Estimates the volume of a solid body in known units.	36.01
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	55.11
M515	Identifies the pattern in triangular numbers and square number	49.29
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	76.09

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
94	11.11	180	21.28	293	34.63	279	32.98

Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (36.01)
- 2 - Identifies and forms equivalent fractions of a given fraction (48.23)
- 3 - Identifies the pattern in triangular numbers and square number (49.29)
- 4 - 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 (54.02)
- 5 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (55.11)