



District Report Card: 2017


State: Odisha	District: Bhadrak
Class: 5	Subject: Mathematics
Schools: 61	Students: 1066


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys			Girls		
	Number		%	Number		%
	534		50.09	532		49.91

<div>AREA</div> <div></div>	Rural			Urban		
	Number		%	Number		%
	944		88.56	122		11.44

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	319	29.92	27	2.53	485	45.50	235	22.05

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

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1066		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
63.02	61.89	64.16	64.80	49.29	63.02	0.00	62.45	51.36	65.44	60.14

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	66.70
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	62.64
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	78.38
M421	Represent the collected information in tables and bar graphs and draws inferences from these	65.67
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	68.95
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	63.06
M505	Finds the number corresponding to part of a collection	62.30
M506	Identifies and forms equivalent fractions of a given fraction	49.62
M508	Converts fractions into decimals and vice versa	65.47
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	69.16
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	61.57
M513	Estimates the volume of a solid body in known units.	48.11
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	55.00
M515	Identifies the pattern in triangular numbers and square number	53.00
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	77.24

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
120	11.26	199	18.67	388	36.40	359	33.68

Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (48.11)
- 2 - Identifies and forms equivalent fractions of a given fraction (49.62)
- 3 - Identifies the pattern in triangular numbers and square number (53.00)
- 4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (55.00)
- 5 - Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa (61.57)