



District Report Card: 2017


State: Odisha	District: Balasore
Class: 5	Subject: Mathematics
Schools: 60	Students: 1173


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	571		48.68		602		51.32	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1109		94.54		64		5.46	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	238	20.29	274	23.36	482	41.09	179	15.26

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	2	2	6	1	6

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1173		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
64.28	66.63	62.05	64.47	61.04	64.28	0.00	61.01	60.71	68.98	61.45

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	66.84
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	64.90
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	75.36
M421	Represent the collected information in tables and bar graphs and draws inferences from these	69.99
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	68.80
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	61.80
M505	Finds the number corresponding to part of a collection	62.66
M506	Identifies and forms equivalent fractions of a given fraction	50.04
M508	Converts fractions into decimals and vice versa	66.78
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	75.09
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	58.57
M513	Estimates the volume of a solid body in known units.	48.46
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	57.10
M515	Identifies the pattern in triangular numbers and square number	58.99
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	73.68

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
162	13.81	182	15.52	345	29.41	484	41.26

Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (48.46)
- 2 - Identifies and forms equivalent fractions of a given fraction (50.04)
- 3 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (57.10)
- 4 - Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa (58.57)
- 5 - Identifies the pattern in triangular numbers and square number (58.99)