



### District Report Card: 2017


<b>State:</b> Odisha	<b>District:</b> Jharsuguda
<b>Class:</b> 5	<b>Subject:</b> Mathematics
<b>Schools:</b> 39	<b>Students:</b> 665


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	278		41.80		387		58.20	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	489		73.53		176		26.47	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	164	24.66	271	40.75	201	30.23	29	4.36

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

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	665		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
50.50	49.47	51.23	52.35	45.34	50.50	0.00	46.46	53.78	50.15	45.06

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	47.82
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	50.61
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	62.84
M421	Represent the collected information in tables and bar graphs and draws inferences from these	55.49
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	52.03
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	49.26
M505	Finds the number corresponding to part of a collection	49.40
M506	Identifies and forms equivalent fractions of a given fraction	38.65
M508	Converts fractions into decimals and vice versa	48.17
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	62.08
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	47.48
M513	Estimates the volume of a solid body in known units.	41.46
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	41.80
M515	Identifies the pattern in triangular numbers and square number	46.32
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	64.99

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
162	24.36	194	29.17	182	27.37	127	19.10

## Lowest Performing Learning Outcomes (LOs)

- 1 - Identifies and forms equivalent fractions of a given fraction (38.65)
- 2 - Estimates the volume of a solid body in known units. (41.46)
- 3 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (41.80)
- 4 - Identifies the pattern in triangular numbers and square number (46.32)
- 5 - Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa (47.48)