



### District Report Card: 2017


<b>State:</b> Odisha	<b>District:</b> Dhenkanal
<b>Class:</b> 5	<b>Subject:</b> Mathematics
<b>Schools:</b> 58	<b>Students:</b> 1040


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	547		52.60		493		47.40	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	932		89.62		108		10.38	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	271	26.06	302	29.04	419	40.29	48	4.62

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	7	3	2	6	7

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1010		97.12	30		2.88

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>49.51</b>	<b>47.31</b>	<b>51.95</b>	<b>49.28</b>	<b>51.54</b>	<b>49.86</b>	<b>37.78</b>	<b>42.26</b>	<b>48.45</b>	<b>53.99</b>	<b>58.06</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	54.52
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	50.58
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	67.59
M421	Represent the collected information in tables and bar graphs and draws inferences from these	54.71
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	55.00
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	47.89
M505	Finds the number corresponding to part of a collection	48.46
M506	Identifies and forms equivalent fractions of a given fraction	36.35
M508	Converts fractions into decimals and vice versa	46.53
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	57.30
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	48.47
M513	Estimates the volume of a solid body in known units.	33.01
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	38.14
M515	Identifies the pattern in triangular numbers and square number	42.02
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	62.84

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
258	24.81	275	26.44	324	31.15	183	17.60

## Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (33.01)
- 2 - Identifies and forms equivalent fractions of a given fraction (36.35)
- 3 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (38.14)
- 4 - Identifies the pattern in triangular numbers and square number (42.02)
- 5 - Converts fractions into decimals and vice versa (46.53)