



District Report Card: 2017


State: Jharkhand	District: Chatra
Class: 5	Subject: Mathematics
Schools: 61	Students: 985


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	478	48.53	507	51.47

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	941	95.53	44	4.47

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	441	44.77	14	1.42	441	44.77	89	9.04

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	6	5	1	4	32

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	955	96.95	30	3.05

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
57.87	56.67	59.00	57.76	60.15	57.05	84.00	54.50	70.95	60.32	60.37

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	51.17
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	55.05
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	77.69
M421	Represent the collected information in tables and bar graphs and draws inferences from these	58.68
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	67.72
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	56.00
M505	Finds the number corresponding to part of a collection	56.84
M506	Identifies and forms equivalent fractions of a given fraction	46.80
M508	Converts fractions into decimals and vice versa	48.66
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	56.84
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	66.20
M513	Estimates the volume of a solid body in known units.	52.58
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	53.28
M515	Identifies the pattern in triangular numbers and square number	56.55
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	55.20

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
134	13.60	232	23.55	370	37.56	249	25.28

Lowest Performing Learning Outcomes (LOs)

- 1 - Identifies and forms equivalent fractions of a given fraction (46.80)
- 2 - Converts fractions into decimals and vice versa (48.66)
- 3 - Applies operations of numbers in daily life situations (51.17)
- 4 - Estimates the volume of a solid body in known units. (52.58)
- 5 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (53.28)