



District Report Card: 2017


State: Jharkhand	District: Gumla
Class: 5	Subject: Mathematics
Schools: 61	Students: 1135


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	578	50.93	557	49.07

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1082	95.33	53	4.67

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	18	1.59	854	75.24	246	21.67	17	1.50

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	758	66.78	377	33.22

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
53.11	52.51	53.73	52.47	66.16	53.35	52.63	50.74	52.84	54.12	54.51

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	41.67
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	61.40
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	71.09
M421	Represent the collected information in tables and bar graphs and draws inferences from these	57.97
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	64.67
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	61.24
M505	Finds the number corresponding to part of a collection	49.18
M506	Identifies and forms equivalent fractions of a given fraction	39.38
M508	Converts fractions into decimals and vice versa	52.81
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	59.76
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	56.99
M513	Estimates the volume of a solid body in known units.	42.81
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	45.74
M515	Identifies the pattern in triangular numbers and square number	42.11
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	57.70

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
193	17.00	299	26.34	470	41.41	173	15.24

Lowest Performing Learning Outcomes (LOs)

- 1 - Identifies and forms equivalent fractions of a given fraction (39.38)
- 2 - Applies operations of numbers in daily life situations (41.67)
- 3 - Identifies the pattern in triangular numbers and square number (42.11)
- 4 - Estimates the volume of a solid body in known units. (42.81)
- 5 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (45.74)