



District Report Card: 2017


State: Chhattisgarh	District: Mahasamund
Class: 5	Subject: Mathematics
Schools: 57	Students: 908


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	448	49.34	460	50.66

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	908	100.00	0	0.00

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	114	12.56	318	35.02	468	51.54	8	0.88

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	4	3	0	2	1	0

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	893	98.35	15	1.65

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
38.02	36.95	39.06	38.02	0.00	37.89	45.78	38.07	35.60	39.63	39.17

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	24.12
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	44.72
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	52.03
M421	Represent the collected information in tables and bar graphs and draws inferences from these	39.65
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	48.79
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	40.60
M505	Finds the number corresponding to part of a collection	38.22
M506	Identifies and forms equivalent fractions of a given fraction	32.82
M508	Converts fractions into decimals and vice versa	47.42
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	44.35
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	31.32
M513	Estimates the volume of a solid body in known units.	23.82
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	27.47
M515	Identifies the pattern in triangular numbers and square number	31.61
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	57.24

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
348	38.33	301	33.15	208	22.91	51	5.62

Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (23.82)
- 2 - Applies operations of numbers in daily life situations (24.12)
- 3 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (27.47)
- 4 - Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa (31.32)
- 5 - Identifies the pattern in triangular numbers and square number (31.61)