



District Report Card: 2017


State: Madhya Pradesh	District: Satna
Class: 5	Subject: Mathematics
Schools: 61	Students: 806


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	406	50.37	400	49.63

AREA 	Rural		Urban	
	Number	%	Number	%
	708	87.84	98	12.16

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	176	21.84	175	21.71	383	47.52	72	8.93

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	18	0	0	1	17

Management 	Government		Government-aided	
	Number	%	Number	%
	806	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
41.51	41.08	41.95	41.03	45.03	41.51	0.00	43.60	39.50	41.44	41.67

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	28.66
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	47.27
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	60.79
M421	Represent the collected information in tables and bar graphs and draws inferences from these	48.76
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	45.66
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	38.48
M505	Finds the number corresponding to part of a collection	43.60
M506	Identifies and forms equivalent fractions of a given fraction	37.59
M508	Converts fractions into decimals and vice versa	44.68
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	36.76
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	42.28
M513	Estimates the volume of a solid body in known units.	28.83
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	36.76
M515	Identifies the pattern in triangular numbers and square number	33.62
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	48.46

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
268	33.25	255	31.64	221	27.42	62	7.69

Lowest Performing Learning Outcomes (LOs)

- 1 - Applies operations of numbers in daily life situations (28.66)
- 2 - Estimates the volume of a solid body in known units. (28.83)
- 3 - Identifies the pattern in triangular numbers and square number (33.62)
- 4 - Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing (36.76)
- 5 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (36.76)