



District Report Card: 2017


State: Madhya Pradesh	District: Datia
Class: 5	Subject: Mathematics
Schools: 61	Students: 988


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	506	51.21	482	48.79

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	882	89.27	106	10.73

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	350	35.43	9	0.91	559	56.58	70	7.09

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	0	1	1	2	17

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	988	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
45.96	43.99	48.04	46.04	45.35	45.96	0.00	46.00	42.22	45.82	47.43

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	36.44
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	48.57
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	62.18
M421	Represent the collected information in tables and bar graphs and draws inferences from these	46.66
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	58.10
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	41.77
M505	Finds the number corresponding to part of a collection	49.39
M506	Identifies and forms equivalent fractions of a given fraction	31.98
M508	Converts fractions into decimals and vice versa	46.94
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	39.03
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	51.41
M513	Estimates the volume of a solid body in known units.	35.71
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	43.43
M515	Identifies the pattern in triangular numbers and square number	39.47
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	60.24

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
277	28.04	264	26.72	337	34.11	110	11.13

Lowest Performing Learning Outcomes (LOs)

- 1 - Identifies and forms equivalent fractions of a given fraction (31.98)
- 2 - Estimates the volume of a solid body in known units. (35.71)
- 3 - Applies operations of numbers in daily life situations (36.44)
- 4 - Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing (39.03)
- 5 - Identifies the pattern in triangular numbers and square number (39.47)