



District Report Card: 2017


State: Madhya Pradesh	District: Rewa
Class: 8	Subject: Mathematics
Schools: 51	Students: 1317


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	637		48.37		680		51.63	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1127		85.57		190		14.43	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	366	27.79	264	20.05	455	34.55	232	17.62

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	3	12	4	4	38

<div>Management</div> <div></div>	Government				Government-aided			
	Number		%		Number		%	
	1317		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
38.14	36.39	39.78	37.64	41.12	38.14	0.00	35.43	34.67	41.86	39.08

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	38.69
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	43.40
M620	Finds out the perimeter and area of rectangular objects in the surroundings like floor of the class room, surfaces of a chalk box etc.	40.38
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	33.54
M702	Interprets the division and multiplication of fractions	33.41
M705	Solves problems related to daily life situations involving rational numbers	50.57
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	40.73
M707	Adds/subtracts algebraic expressions	51.25
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	32.98
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	25.19
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	47.52
M721	Interprets data using bar graph	49.09
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	28.57
M802	Finds rational numbers between two given rational numbers	31.91
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	47.04
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	51.06
M808	Uses various algebraic identities in solving problems of daily life	25.99
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	29.55
M818	Finds surface area and volume of cuboidal and cylindrical object	21.43
M819	Draws and interprets bar charts and pie charts	25.89

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
547	41.53	332	25.21	337	25.59	101	7.67

Lowest Performing Learning Outcomes (LOs)

- 1 - Finds surface area and volume of cuboidal and cylindrical object (21.43)
- 2 - Finds out approximate area of closed shapes by using unit square grid/graph sheet (25.19)
- 3 - Draws and interprets bar charts and pie charts (25.89)

4 - Uses various algebraic identities in solving problems of daily life (25.99)

5 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (28.57)