



District Report Card: 2017


State: Uttar Pradesh	District: Mirzapur
Class: 8	Subject: Mathematics
Schools: 51	Students: 1209


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	572	47.31	637	52.69

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1115	92.22	94	7.78

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	488	40.36	6	0.50	628	51.94	87	7.20

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	0	0	1	0	46

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1017	84.12	192	15.88

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
27.97	28.72	27.29	28.79	18.23	28.39	25.73	26.26	30.00	29.26	28.12

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	28.85
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	20.10
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.	29.46
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	30.47
M702	Interprets the division and multiplication of fractions	24.23
M705	Solves problems related to daily life situations involving rational numbers	34.41
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	35.81
M707	Adds/subtracts algebraic expressions	38.21
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	20.10
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	12.64
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	27.27
M721	Interprets data using bar graph	44.59
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	19.43
M802	Finds rational numbers between two given rational numbers	17.06
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	43.76
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	45.78
M808	Uses various algebraic identities in solving problems of daily life	23.14
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	25.96
M818	Finds surface area and volume of cuboidal and cylindrical object	25.51
M819	Draws and interprets bar charts and pie charts	15.14

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
733	60.63	263	21.75	203	16.79	10	0.83

Lowest Performing Learning Outcomes (LOs)

- 1 - Finds out approximate area of closed shapes by using unit square grid/graph sheet (12.64)
- 2 - Draws and interprets bar charts and pie charts (15.14)
- 3 - Finds rational numbers between two given rational numbers (17.06)

4 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (19.43)

5 - Solves problems on daily life situations involving addition and subtraction of fractions / decimals (20.10)