



District Report Card: 2017


State: Uttar Pradesh	District: Mainpuri
Class: 8	Subject: Mathematics
Schools: 49	Students: 505


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	192	38.02	313	61.98

AREA 	Rural		Urban	
	Number	%	Number	%
	435	86.14	70	13.86

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	105	20.79	9	1.78	336	66.53	55	10.89

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	2	0	2	0	10

Management 	Government		Government-aided	
	Number	%	Number	%
	270	53.47	235	46.53

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
44.46	45.49	43.83	43.68	49.33	45.90	42.81	37.97	20.00	46.85	46.30

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
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.	50.10
M702	Interprets the division and multiplication of fractions	43.76
M705	Solves problems related to daily life situations involving rational numbers	37.43
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	50.10
M707	Adds/subtracts algebraic expressions	57.82
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	49.31
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	62.57
M721	Interprets data using bar graph	61.39
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	34.26
M802	Finds rational numbers between two given rational numbers	48.91
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	52.87
M808	Uses various algebraic identities in solving problems of daily life	30.30
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	47.52
M818	Finds surface area and volume of cuboidal and cylindrical object	13.86
M819	Draws and interprets bar charts and pie charts	26.73

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
165	32.67	128	25.35	154	30.50	58	11.49

Lowest Performing Learning Outcomes (LOs)

- 1 - Finds surface area and volume of cuboidal and cylindrical object (13.86)
- 2 - Draws and interprets bar charts and pie charts (26.73)
- 3 - Uses various algebraic identities in solving problems of daily life (30.30)
- 4 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (34.26)
- 5 - Solves problems related to daily life situations involving rational numbers (37.43)