



District Report Card: 2017


State: Uttar Pradesh	District: Rampur
Class: 8	Subject: Mathematics
Schools: 49	Students: 942


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	353	37.47	589	62.53

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	942	100.00	0	0.00

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	188	19.96	2	0.21	484	51.38	268	28.45

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	834	88.54	108	11.46

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.05	35.52	34.76	35.05	0.00	35.55	31.17	34.40	16.67	34.52	36.59

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	36.70
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	42.27
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.	33.99
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	32.16
M702	Interprets the division and multiplication of fractions	34.82
M705	Solves problems related to daily life situations involving rational numbers	38.11
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	41.36
M707	Adds/subtracts algebraic expressions	52.12
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	31.29
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	38.14
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	40.36
M721	Interprets data using bar graph	46.83
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	32.39
M802	Finds rational numbers between two given rational numbers	30.63
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	50.93
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	36.11
M808	Uses various algebraic identities in solving problems of daily life	28.67
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	20.60
M818	Finds surface area and volume of cuboidal and cylindrical object	18.60
M819	Draws and interprets bar charts and pie charts	24.73

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
404	42.89	329	34.93	195	20.70	14	1.49

Lowest Performing Learning Outcomes (LOs)

- 1 - Finds surface area and volume of cuboidal and cylindrical object (18.60)
- 2 - Verifies properties of parallelogram and establishes the relationship between them through reasoning (20.60)
- 3 - Draws and interprets bar charts and pie charts (24.73)

4 - Uses various algebraic identities in solving problems of daily life (28.67)

5 - Finds rational numbers between two given rational numbers (30.63)