



District Report Card: 2017


State: Uttar Pradesh	District: Mau
Class: 8	Subject: Mathematics
Schools: 49	Students: 1195


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	511	42.76	684	57.24

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1195	100.00	0	0.00

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	363	30.38	35	2.93	726	60.75	71	5.94

<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	%
	549	45.94	646	54.06

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
34.97	32.51	36.80	34.97	0.00	37.91	32.47	34.95	25.71	35.22	37.09

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	41.20
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	41.53
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.	37.90
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	37.54
M702	Interprets the division and multiplication of fractions	30.96
M705	Solves problems related to daily life situations involving rational numbers	41.67
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	35.92
M707	Adds/subtracts algebraic expressions	51.63
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	18.38
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	27.08
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	40.23
M721	Interprets data using bar graph	43.84
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	24.11
M802	Finds rational numbers between two given rational numbers	24.11
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	48.34
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	47.89
M808	Uses various algebraic identities in solving problems of daily life	19.56
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	32.00
M818	Finds surface area and volume of cuboidal and cylindrical object	18.72
M819	Draws and interprets bar charts and pie charts	20.67

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
551	46.11	291	24.35	254	21.26	99	8.28

Lowest Performing Learning Outcomes (LOs)

- 1 - Solves problems related to conversion of percentage to fraction and decimal and vice versa (18.38)
- 2 - Finds surface area and volume of cuboidal and cylindrical object (18.72)
- 3 - Uses various algebraic identities in solving problems of daily life (19.56)

4 - Draws and interprets bar charts and pie charts (20.67)

5 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (24.11)