



District Report Card: 2017


State: Uttar Pradesh	District: Ghazipur
Class: 8	Subject: Mathematics
Schools: 49	Students: 891


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	451	50.62	440	49.38

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	860	96.52	31	3.48

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	264	29.63	41	4.60	513	57.58	73	8.19

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	0	5	0	3	1

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	510	57.24	381	42.76

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
19.87	19.79	19.95	20.02	15.70	21.41	17.81	20.00	17.56	20.19	18.45

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	17.00
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	24.38
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.	21.67
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	16.33
M702	Interprets the division and multiplication of fractions	20.43
M705	Solves problems related to daily life situations involving rational numbers	14.70
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	20.05
M707	Adds/subtracts algebraic expressions	21.21
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	23.20
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	21.48
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	22.05
M721	Interprets data using bar graph	25.00
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	20.05
M802	Finds rational numbers between two given rational numbers	20.95
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	39.15
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	15.54
M808	Uses various algebraic identities in solving problems of daily life	19.59
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	16.59
M818	Finds surface area and volume of cuboidal and cylindrical object	13.51
M819	Draws and interprets bar charts and pie charts	13.13

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
704	79.01	113	12.68	67	7.52	7	0.79

Lowest Performing Learning Outcomes (LOs)

- 1 - Draws and interprets bar charts and pie charts (13.13)
- 2 - Finds surface area and volume of cuboidal and cylindrical object (13.51)
- 3 - Solves problems related to daily life situations involving rational numbers (14.70)

4 - Finds squares, cubes, square roots and cube roots of numbers using different methods (15.54)

5 - Arranges given/collected information in the form of table, pictograph and bar graph and interprets them (16.33)