



District Report Card: 2017


State: Uttar Pradesh	District: Kanpur Nagar
Class: 8	Subject: Mathematics
Schools: 48	Students: 918


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	424	46.19	494	53.81

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	913	99.46	5	0.54

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	299	32.57	44	4.79	397	43.25	178	19.39

<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	%
	525	57.19	393	42.81

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
28.21	26.26	29.89	28.16	38.67	27.71	28.89	27.38	11.36	30.75	28.13

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	39.84
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	30.49
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.	31.84
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	39.02
M702	Interprets the division and multiplication of fractions	27.34
M705	Solves problems related to daily life situations involving rational numbers	24.73
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	35.21
M707	Adds/subtracts algebraic expressions	33.88
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	21.13
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	15.65
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	28.23
M721	Interprets data using bar graph	46.24
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	28.17
M802	Finds rational numbers between two given rational numbers	23.00
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	47.97
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	44.84
M808	Uses various algebraic identities in solving problems of daily life	30.52
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	17.52
M818	Finds surface area and volume of cuboidal and cylindrical object	15.02
M819	Draws and interprets bar charts and pie charts	12.09

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
546	59.48	209	22.77	129	14.05	34	3.70

Lowest Performing Learning Outcomes (LOs)

- 1 - Draws and interprets bar charts and pie charts (12.09)
- 2 - Finds surface area and volume of cuboidal and cylindrical object (15.02)
- 3 - Finds out approximate area of closed shapes by using unit square grid/graph sheet (15.65)

- 4 - Verifies properties of parallelogram and establishes the relationship between them through reasoning (17.52)
- 5 - Solves problems related to conversion of percentage to fraction and decimal and vice versa (21.13)