



District Report Card: 2017


State: Uttar Pradesh	District: Kushinagar
Class: 8	Subject: Mathematics
Schools: 48	Students: 802


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	245	30.55	557	69.45

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	741	92.39	61	7.61

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	168	20.95	8	1.00	580	72.32	46	5.74

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	1	1	22	3	18

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	437	54.49	365	45.51

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.37	42.23	39.55	39.92	45.79	37.74	43.51	37.70	36.67	41.05	42.17

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	49.06
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	53.64
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.	48.42
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	34.77
M702	Interprets the division and multiplication of fractions	35.54
M705	Solves problems related to daily life situations involving rational numbers	38.03
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	43.62
M707	Adds/subtracts algebraic expressions	56.86
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	28.54
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	38.81
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	48.08
M721	Interprets data using bar graph	46.64
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	26.22
M802	Finds rational numbers between two given rational numbers	36.19
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	55.80
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	44.55
M808	Uses various algebraic identities in solving problems of daily life	31.55
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	34.36
M818	Finds surface area and volume of cuboidal and cylindrical object	21.58
M819	Draws and interprets bar charts and pie charts	26.43

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
293	36.53	234	29.18	231	28.80	44	5.49

Lowest Performing Learning Outcomes (LOs)

- 1 - Finds surface area and volume of cuboidal and cylindrical object (21.58)
- 2 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (26.22)
- 3 - Draws and interprets bar charts and pie charts (26.43)

4 - Solves problems related to conversion of percentage to fraction and decimal and vice versa (28.54)

5 - Uses various algebraic identities in solving problems of daily life (31.55)