



District Report Card: 2017


State: Uttar Pradesh	District: Kannauj
Class: 8	Subject: Mathematics
Schools: 42	Students: 373


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	193		51.74		180		48.26	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	363		97.32		10		2.68	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	0	0.00	0	0.00	0	0.00	373	100.00

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

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	373		100.00	0		0.00

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
15.92	14.78	17.15	15.72	23.33	15.92	0.00	0.00	0.00	0.00	15.92

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	18.62
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	5.85
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.	33.51
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	46.81
M702	Interprets the division and multiplication of fractions	42.09
M705	Solves problems related to daily life situations involving rational numbers	7.77
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	18.38
M707	Adds/subtracts algebraic expressions	4.02
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	7.03
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	10.11
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	6.77
M721	Interprets data using bar graph	12.97
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	19.46
M802	Finds rational numbers between two given rational numbers	8.11
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	11.70
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	15.68
M808	Uses various algebraic identities in solving problems of daily life	22.70
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	11.41
M818	Finds surface area and volume of cuboidal and cylindrical object	10.27
M819	Draws and interprets bar charts and pie charts	3.49

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
340	91.15	33	8.85	0	0.00	0	0.00

Lowest Performing Learning Outcomes (LOs)

- 1 - Draws and interprets bar charts and pie charts (3.49)
- 2 - Adds/subtracts algebraic expressions (4.02)
- 3 - Solves problems on daily life situations involving addition and subtraction of fractions / decimals (5.85)

- 4 - Finds various representative values for simple data from her/his daily life contexts like mean, median and mode (6.77)
- 5 - Solves problems related to conversion of percentage to fraction and decimal and vice versa (7.03)