



District Report Card: 2017


State: Uttar Pradesh	District: Jhansi
Class: 8	Subject: Mathematics
Schools: 51	Students: 1132


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	510	45.05	622	54.95

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	973	85.95	159	14.05

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	410	36.22	1	0.09	648	57.24	73	6.45

<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	%
	950	83.92	182	16.08

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.42	37.49	42.83	40.27	41.34	42.20	31.14	41.38	73.33	39.97	38.63

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	36.98
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	51.74
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.	43.27
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	37.15
M702	Interprets the division and multiplication of fractions	36.04
M705	Solves problems related to daily life situations involving rational numbers	41.25
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	45.14
M707	Adds/subtracts algebraic expressions	57.07
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	33.81
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	36.11
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	50.12
M721	Interprets data using bar graph	51.98
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	28.24
M802	Finds rational numbers between two given rational numbers	35.07
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	46.01
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	45.68
M808	Uses various algebraic identities in solving problems of daily life	36.15
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	32.96
M818	Finds surface area and volume of cuboidal and cylindrical object	25.36
M819	Draws and interprets bar charts and pie charts	27.47

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
420	37.10	359	31.71	283	25.00	70	6.18

Lowest Performing Learning Outcomes (LOs)

1 - Finds surface area and volume of cuboidal and cylindrical object (25.36)

2 - Draws and interprets bar charts and pie charts (27.47)

3 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (28.24)

- 4 - Verifies properties of parallelogram and establishes the relationship between them through reasoning (32.96)
- 5 - Solves problems related to conversion of percentage to fraction and decimal and vice versa (33.81)