



District Report Card: 2017


State: Uttar Pradesh	District: Ballia
Class: 8	Subject: Mathematics
Schools: 48	Students: 899


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	445	49.50	454	50.50

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	874	97.22	25	2.78

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	214	23.80	69	7.68	542	60.29	74	8.23

<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	%
	612	68.08	287	31.92

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
50.01	50.14	49.88	51.01	14.93	48.74	52.73	53.05	45.02	49.46	49.91

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	47.47
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	61.62
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.	55.81
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	45.86
M702	Interprets the division and multiplication of fractions	48.28
M705	Solves problems related to daily life situations involving rational numbers	55.73
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	57.18
M707	Adds/subtracts algebraic expressions	70.30
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	51.24
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	45.25
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	51.65
M721	Interprets data using bar graph	61.63
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	41.09
M802	Finds rational numbers between two given rational numbers	52.48
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	62.83
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	59.16
M808	Uses various algebraic identities in solving problems of daily life	17.82
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	44.12
M818	Finds surface area and volume of cuboidal and cylindrical object	30.69
M819	Draws and interprets bar charts and pie charts	29.14

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
245	27.25	187	20.80	292	32.48	175	19.47

Lowest Performing Learning Outcomes (LOs)

- 1 - Uses various algebraic identities in solving problems of daily life (17.82)
- 2 - Draws and interprets bar charts and pie charts (29.14)
- 3 - Finds surface area and volume of cuboidal and cylindrical object (30.69)

- 4 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (41.09)
- 5 - Verifies properties of parallelogram and establishes the relationship between them through reasoning (44.12)