



District Report Card: 2017


State: Uttar Pradesh	District: Balrampur
Class: 8	Subject: Mathematics
Schools: 49	Students: 935


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	473		50.59		462		49.41	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	819		87.59		116		12.41	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	161	17.22	33	3.53	566	60.53	175	18.72

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	1	0	1	3	27

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	756		80.86	179		19.14

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.98	38.56	37.37	37.98	37.93	38.07	37.58	37.68	32.32	37.86	39.70

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	35.67
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	55.26
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.	39.01
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	29.48
M702	Interprets the division and multiplication of fractions	35.51
M705	Solves problems related to daily life situations involving rational numbers	41.82
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	45.33
M707	Adds/subtracts algebraic expressions	54.97
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	36.00
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	37.53
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	42.25
M721	Interprets data using bar graph	46.44
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	31.11
M802	Finds rational numbers between two given rational numbers	35.33
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	51.13
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	42.89
M808	Uses various algebraic identities in solving problems of daily life	22.67
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	27.75
M818	Finds surface area and volume of cuboidal and cylindrical object	22.22
M819	Draws and interprets bar charts and pie charts	27.59

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
398	42.57	238	25.45	249	26.63	50	5.35

Lowest Performing Learning Outcomes (LOs)

- 1 - Finds surface area and volume of cuboidal and cylindrical object (22.22)
- 2 - Uses various algebraic identities in solving problems of daily life (22.67)
- 3 - Draws and interprets bar charts and pie charts (27.59)

- 4 - Verifies properties of parallelogram and establishes the relationship between them through reasoning (27.75)
- 5 - Arranges given/collected information in the form of table, pictograph and bar graph and interprets them (29.48)