



District Report Card: 2017


State: Uttar Pradesh	District: Baghpat
Class: 8	Subject: Mathematics
Schools: 51	Students: 1066


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	479	44.93	587	55.07

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	859	80.58	207	19.42

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	190	17.82	16	1.50	705	66.14	155	14.54

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	2	1	2	2	30

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	460	43.15	606	56.85

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.32	35.24	39.02	39.19	29.57	38.41	36.50	32.14	26.67	39.84	33.33

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	42.70
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	42.70
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.	39.50
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	35.77
M702	Interprets the division and multiplication of fractions	37.24
M705	Solves problems related to daily life situations involving rational numbers	27.95
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	33.65
M707	Adds/subtracts algebraic expressions	45.31
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	32.52
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	34.64
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	49.63
M721	Interprets data using bar graph	46.24
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	25.94
M802	Finds rational numbers between two given rational numbers	33.27
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	44.19
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	40.98
M808	Uses various algebraic identities in solving problems of daily life	36.28
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	34.19
M818	Finds surface area and volume of cuboidal and cylindrical object	27.82
M819	Draws and interprets bar charts and pie charts	25.98

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
479	44.93	310	29.08	200	18.76	77	7.22

Lowest Performing Learning Outcomes (LOs)

1 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (25.94)

2 - Draws and interprets bar charts and pie charts (25.98)

3 - Finds surface area and volume of cuboidal and cylindrical object (27.82)

4 - Solves problems related to daily life situations involving rational numbers (27.95)

5 - Solves problems related to conversion of percentage to fraction and decimal and vice versa (32.52)