



District Report Card: 2017


State: Uttar Pradesh	District: Fatehpur
Class: 8	Subject: Mathematics
Schools: 48	Students: 701


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	286	40.80	415	59.20

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	636	90.73	65	9.27

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	223	31.81	34	4.85	329	46.93	115	16.41

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	402	57.35	299	42.65

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
52.24	51.28	52.90	53.98	35.18	54.63	49.03	50.55	47.25	53.45	53.51

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	57.93
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	68.90
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.	62.54
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	58.54
M702	Interprets the division and multiplication of fractions	56.21
M705	Solves problems related to daily life situations involving rational numbers	60.34
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	55.31
M707	Adds/subtracts algebraic expressions	69.19
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	59.59
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	48.17
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	58.38
M721	Interprets data using bar graph	59.22
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	34.26
M802	Finds rational numbers between two given rational numbers	50.09
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	70.12
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	64.99
M808	Uses various algebraic identities in solving problems of daily life	21.60
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	45.90
M818	Finds surface area and volume of cuboidal and cylindrical object	29.05
M819	Draws and interprets bar charts and pie charts	34.38

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
163	23.25	147	20.97	255	36.38	136	19.40

Lowest Performing Learning Outcomes (LOs)

- 1 - Uses various algebraic identities in solving problems of daily life (21.60)
- 2 - Finds surface area and volume of cuboidal and cylindrical object (29.05)
- 3 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (34.26)

4 - Draws and interprets bar charts and pie charts (34.38)

5 - Verifies properties of parallelogram and establishes the relationship between them through reasoning (45.90)