



District Report Card: 2017


State: Uttar Pradesh	District: Farrukhabad
Class: 8	Subject: Mathematics
Schools: 46	Students: 1028


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	522	50.78	506	49.22

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	905	88.04	123	11.96

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	190	18.48	17	1.65	663	64.49	158	15.37

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	1	0	0	4	0

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	971	94.46	57	5.54

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
46.13	47.43	44.78	46.95	40.05	45.84	51.11	45.40	34.90	46.74	45.65

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	49.41
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	55.49
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.	47.20
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	38.04
M702	Interprets the division and multiplication of fractions	40.27
M705	Solves problems related to daily life situations involving rational numbers	53.31
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	50.19
M707	Adds/subtracts algebraic expressions	60.02
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	42.08
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	40.59
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	56.18
M721	Interprets data using bar graph	47.88
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	39.96
M802	Finds rational numbers between two given rational numbers	41.70
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	60.98
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	51.35
M808	Uses various algebraic identities in solving problems of daily life	26.83
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	43.89
M818	Finds surface area and volume of cuboidal and cylindrical object	26.64
M819	Draws and interprets bar charts and pie charts	32.10

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
295	28.70	298	28.99	304	29.57	131	12.74

Lowest Performing Learning Outcomes (LOs)

- 1 - Finds surface area and volume of cuboidal and cylindrical object (26.64)
- 2 - Uses various algebraic identities in solving problems of daily life (26.83)
- 3 - Draws and interprets bar charts and pie charts (32.10)

- 4 - Arranges given/collected information in the form of table, pictograph and bar graph and interprets them (38.04)
- 5 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (39.96)