



District Report Card: 2017


State: Haryana	District: Kurukshetra
Class: 8	Subject: Mathematics
Schools: 51	Students: 1028


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	694		67.51		334		32.49	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1008		98.05		20		1.95	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	434	42.22	0	0.00	472	45.91	122	11.87

<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		%
	1002		97.47	26		2.53

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
33.87	33.83	33.93	33.99	27.33	34.03	27.69	32.63	0.00	34.80	34.64

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	33.33
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	32.76
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.	32.00
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	26.97
M702	Interprets the division and multiplication of fractions	38.52
M705	Solves problems related to daily life situations involving rational numbers	24.90
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	25.54
M707	Adds/subtracts algebraic expressions	39.79
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	19.65
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	29.09
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	50.36
M721	Interprets data using bar graph	43.81
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	25.93
M802	Finds rational numbers between two given rational numbers	31.43
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	43.93
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	30.45
M808	Uses various algebraic identities in solving problems of daily life	45.38
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	31.35
M818	Finds surface area and volume of cuboidal and cylindrical object	15.13
M819	Draws and interprets bar charts and pie charts	32.30

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
449	43.68	421	40.95	138	13.42	20	1.95

Lowest Performing Learning Outcomes (LOs)

- 1 - Finds surface area and volume of cuboidal and cylindrical object (15.13)
- 2 - Solves problems related to conversion of percentage to fraction and decimal and vice versa (19.65)
- 3 - Solves problems related to daily life situations involving rational numbers (24.90)

- 4 - Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers (25.54)
- 5 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (25.93)