



District Report Card: 2017


State: Rajasthan	District: Ganganagar
Class: 8	Subject: Mathematics
Schools: 50	Students: 1093


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	525		48.03		568		51.97	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	951		87.01		142		12.99	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	610	55.81	10	0.91	438	40.07	35	3.20

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	1	0	7	1	29

<div>Management</div> <div></div>	Government				Government-aided			
	Number		%		Number		%	
	1093		100.00		0		0.00	

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
50.05	46.91	52.96	49.46	54.04	50.05	0.00	48.27	56.00	52.16	52.95

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	49.09
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	53.28
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.	59.23
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	53.28
M702	Interprets the division and multiplication of fractions	39.16
M705	Solves problems related to daily life situations involving rational numbers	50.32
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	43.67
M707	Adds/subtracts algebraic expressions	61.94
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	46.06
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	45.99
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	57.77
M721	Interprets data using bar graph	63.30
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	35.78
M802	Finds rational numbers between two given rational numbers	54.13
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	60.40
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	57.61
M808	Uses various algebraic identities in solving problems of daily life	29.72
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	41.44
M818	Finds surface area and volume of cuboidal and cylindrical object	27.52
M819	Draws and interprets bar charts and pie charts	51.69

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
247	22.60	293	26.81	386	35.32	167	15.28

Lowest Performing Learning Outcomes (LOs)

- 1 - Finds surface area and volume of cuboidal and cylindrical object (27.52)
- 2 - Uses various algebraic identities in solving problems of daily life (29.72)
- 3 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (35.78)

4 - Interprets the division and multiplication of fractions (39.16)

5 - Verifies properties of parallelogram and establishes the relationship between them through reasoning (41.44)