



District Report Card: 2017


State: Rajasthan	District: Churu
Class: 8	Subject: Mathematics
Schools: 51	Students: 1150


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	553		48.09		597		51.91	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1036		90.09		114		9.91	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	408	35.48	1	0.09	516	44.87	225	19.57

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	1	0	0	3	2

<div>Management</div> <div></div>	Government				Government-aided			
	Number		%		Number		%	
	1150		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
66.63	66.43	66.81	67.11	62.22	66.63	0.00	64.40	93.33	67.33	68.95

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	65.51
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	80.66
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.	78.19
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	66.72
M702	Interprets the division and multiplication of fractions	61.83
M705	Solves problems related to daily life situations involving rational numbers	68.00
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	65.28
M707	Adds/subtracts algebraic expressions	80.61
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	75.35
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	45.64
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	62.53
M721	Interprets data using bar graph	76.39
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	47.92
M802	Finds rational numbers between two given rational numbers	68.23
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	80.66
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	77.26
M808	Uses various algebraic identities in solving problems of daily life	50.35
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	59.16
M818	Finds surface area and volume of cuboidal and cylindrical object	40.45
M819	Draws and interprets bar charts and pie charts	68.96

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
83	7.22	134	11.65	518	45.04	415	36.09

Lowest Performing Learning Outcomes (LOs)

- 1 - Finds surface area and volume of cuboidal and cylindrical object (40.45)
- 2 - Finds out approximate area of closed shapes by using unit square grid/graph sheet (45.64)
- 3 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (47.92)

4 - Uses various algebraic identities in solving problems of daily life (50.35)

5 - Verifies properties of parallelogram and establishes the relationship between them through reasoning (59.16)