



District Report Card: 2017


State: Rajasthan	District: Jhunjhunu
Class: 8	Subject: Mathematics
Schools: 49	Students: 1018


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	466		45.78		552		54.22	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	899		88.31		119		11.69	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	398	39.10	39	3.83	478	46.95	103	10.12

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

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1018		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
63.02	60.36	65.27	62.42	67.51	63.02	0.00	60.60	60.85	65.26	62.78

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	66.86
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	74.95
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.	77.97
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	59.76
M702	Interprets the division and multiplication of fractions	53.54
M705	Solves problems related to daily life situations involving rational numbers	67.49
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	57.73
M707	Adds/subtracts algebraic expressions	81.53
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	62.62
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	40.83
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	63.08
M721	Interprets data using bar graph	83.95
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	47.55
M802	Finds rational numbers between two given rational numbers	64.58
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	80.08
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	76.91
M808	Uses various algebraic identities in solving problems of daily life	37.57
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	53.97
M818	Finds surface area and volume of cuboidal and cylindrical object	34.64
M819	Draws and interprets bar charts and pie charts	56.29

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
78	7.66	163	16.01	487	47.84	290	28.49

Lowest Performing Learning Outcomes (LOs)

- 1 - Finds surface area and volume of cuboidal and cylindrical object (34.64)
- 2 - Uses various algebraic identities in solving problems of daily life (37.57)
- 3 - Finds out approximate area of closed shapes by using unit square grid/graph sheet (40.83)

- 4 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (47.55)
- 5 - Interprets the division and multiplication of fractions (53.54)