



District Report Card: 2017


State: Punjab	District: Pathankot
Class: 8	Subject: Mathematics
Schools: 48	Students: 990


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	499	50.40	491	49.60

AREA 	Rural		Urban	
	Number	%	Number	%
	780	78.79	210	21.21

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	515	52.02	10	1.01	253	25.56	212	21.41

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	1	1	3	4	0

Management 	Government		Government-aided	
	Number	%	Number	%
	886	89.49	104	10.51

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
29.16	29.38	28.93	29.49	27.94	27.49	43.33	29.57	28.67	29.01	28.36

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	25.38
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	30.15
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.	27.48
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	23.66
M702	Interprets the division and multiplication of fractions	33.54
M705	Solves problems related to daily life situations involving rational numbers	20.00
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	28.33
M707	Adds/subtracts algebraic expressions	29.19
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	16.09
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	20.23
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	43.26
M721	Interprets data using bar graph	39.27
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	28.54
M802	Finds rational numbers between two given rational numbers	17.60
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	38.36
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	23.18
M808	Uses various algebraic identities in solving problems of daily life	39.27
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	28.53
M818	Finds surface area and volume of cuboidal and cylindrical object	20.17
M819	Draws and interprets bar charts and pie charts	29.90

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
568	57.37	322	32.53	94	9.49	6	0.61

Lowest Performing Learning Outcomes (LOs)

- 1 - Solves problems related to conversion of percentage to fraction and decimal and vice versa (16.09)
- 2 - Finds rational numbers between two given rational numbers (17.60)
- 3 - Solves problems related to daily life situations involving rational numbers (20.00)

4 - Finds surface area and volume of cuboidal and cylindrical object (20.17)

5 - Finds out approximate area of closed shapes by using unit square grid/graph sheet (20.23)