



### District Report Card: 2017


<b>State:</b> Jammu And Kashmir	<b>District:</b> Pulwama
<b>Class:</b> 8	<b>Subject:</b> Mathematics
<b>Schools:</b> 51	<b>Students:</b> 482


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	195	40.46	287	59.54

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	482	100.00	0	0.00

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	4	0.83	25	5.19	173	35.89	280	58.09

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

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	482	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
18.12	22.02	15.47	18.12	0.00	18.12	0.00	11.67	24.80	14.68	19.74

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	12.08
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	15.83
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.	16.48
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	11.67
M702	Interprets the division and multiplication of fractions	22.20
M705	Solves problems related to daily life situations involving rational numbers	21.78
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	28.51
M707	Adds/subtracts algebraic expressions	24.90
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	15.29
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	10.83
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	21.61
M721	Interprets data using bar graph	14.88
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	9.50
M802	Finds rational numbers between two given rational numbers	24.79
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	17.50
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	19.83
M808	Uses various algebraic identities in solving problems of daily life	18.18
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	12.47
M818	Finds surface area and volume of cuboidal and cylindrical object	10.33
M819	Draws and interprets bar charts and pie charts	22.41

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
363	75.31	63	13.07	43	8.92	13	2.70

## Lowest Performing Learning Outcomes (LOs)

- 1 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (9.50)
- 2 - Finds surface area and volume of cuboidal and cylindrical object (10.33)
- 3 - Finds out approximate area of closed shapes by using unit square grid/graph sheet (10.83)

- 4 - Arranges given/collected information in the form of table, pictograph and bar graph and interprets them (11.67)
- 5 - Solves problems involving large numbers by applying appropriate operations (12.08)