



District Report Card: 2017


State: Karnataka	District: Mysuru
Class: 8	Subject: Mathematics
Schools: 51	Students: 1332


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	631	47.37	701	52.63

AREA 	Rural		Urban	
	Number	%	Number	%
	836	62.76	496	37.24

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	346	25.98	182	13.66	759	56.98	45	3.38

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

Management 	Government		Government-aided	
	Number	%	Number	%
	915	68.69	417	31.31

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
43.27	41.71	44.67	47.84	35.56	46.29	36.64	42.25	45.49	43.36	40.44

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	39.79
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	43.20
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.	40.99
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	46.15
M702	Interprets the division and multiplication of fractions	33.26
M705	Solves problems related to daily life situations involving rational numbers	46.47
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	39.63
M707	Adds/subtracts algebraic expressions	49.62
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	33.54
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	33.43
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	60.91
M721	Interprets data using bar graph	51.52
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	31.55
M802	Finds rational numbers between two given rational numbers	50.30
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	49.70
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	43.29
M808	Uses various algebraic identities in solving problems of daily life	54.73
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	32.47
M818	Finds surface area and volume of cuboidal and cylindrical object	33.69
M819	Draws and interprets bar charts and pie charts	42.79

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
421	31.61	442	33.18	375	28.15	94	7.06

Lowest Performing Learning Outcomes (LOs)

1 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (31.55)

2 - Verifies properties of parallelogram and establishes the relationship between them through reasoning (32.47)

3 - Interprets the division and multiplication of fractions (33.26)

4 - Finds out approximate area of closed shapes by using unit square grid/graph sheet (33.43)

5 - Solves problems related to conversion of percentage to fraction and decimal and vice versa (33.54)