



District Report Card: 2017


State: Karnataka	District: Yadagiri
Class: 8	Subject: Mathematics
Schools: 51	Students: 1411


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	746	52.87	665	47.13

AREA 	Rural		Urban	
	Number	%	Number	%
	1059	75.05	352	24.95

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	345	24.45	228	16.16	785	55.63	53	3.76

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	2	3	2	2	1

Management 	Government		Government-aided	
	Number	%	Number	%
	1351	95.75	60	4.25

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
55.24	56.74	53.56	56.64	51.02	55.63	46.44	50.69	59.56	56.63	45.79

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	65.33
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	63.18
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.	58.51
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	58.31
M702	Interprets the division and multiplication of fractions	37.21
M705	Solves problems related to daily life situations involving rational numbers	60.88
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	45.30
M707	Adds/subtracts algebraic expressions	73.14
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	53.86
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	37.39
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	68.71
M721	Interprets data using bar graph	58.49
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	38.85
M802	Finds rational numbers between two given rational numbers	55.82
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	71.63
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	68.30
M808	Uses various algebraic identities in solving problems of daily life	56.10
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	39.64
M818	Finds surface area and volume of cuboidal and cylindrical object	31.00
M819	Draws and interprets bar charts and pie charts	55.63

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
197	13.96	342	24.24	635	45.00	237	16.80

Lowest Performing Learning Outcomes (LOs)

- 1 - Finds surface area and volume of cuboidal and cylindrical object (31.00)
- 2 - Interprets the division and multiplication of fractions (37.21)
- 3 - Finds out approximate area of closed shapes by using unit square grid/graph sheet (37.39)

4 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (38.85)

5 - Verifies properties of parallelogram and establishes the relationship between them through reasoning (39.64)