



District Report Card: 2017


State: Kerala	District: Malappuram
Class: 5	Subject: Mathematics
Schools: 61	Students: 1511


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	768		50.83		743		49.17	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1337		88.48		174		11.52	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	105	6.95	7	0.46	1347	89.15	52	3.44

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	4	0	3	7	2

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	637		42.16	874		57.84

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
71.99	73.21	70.72	72.07	71.34	72.17	71.85	69.21	46.67	72.32	72.31

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	69.76
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	44.44
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	69.43
M421	Represent the collected information in tables and bar graphs and draws inferences from these	80.54
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	77.96
M504	Estimates sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation	97.22
M505	Finds the number corresponding to part of a collection	84.38
M506	Identifies and forms equivalent fractions of a given fraction	73.59
M508	Converts fractions into decimals and vice versa	52.51
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	81.51
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	98.01
M513	Estimates the volume of a solid body in known units.	32.67
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	58.42
M515	Identifies the pattern in triangular numbers and square number	67.04
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	99.07

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
193	12.77	288	19.06	229	15.16	801	53.01

Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (32.67)
- 2 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (44.44)
- 3 - Converts fractions into decimals and vice versa (52.51)
- 4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (58.42)
- 5 - Identifies the pattern in triangular numbers and square number (67.04)