



District Report Card: 2017


State: Kerala	District: Kollam
Class: 5	Subject: Mathematics
Schools: 61	Students: 1293


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	653	50.50	640	49.50

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1082	83.68	211	16.32

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	254	19.64	9	0.70	792	61.25	238	18.41

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	14	3	1	5	3

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	732	56.61	561	43.39

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
70.04	68.91	71.19	69.98	70.36	69.53	70.71	67.74	74.81	69.92	72.72

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	66.67
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	67.76
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	74.59
M421	Represent the collected information in tables and bar graphs and draws inferences from these	74.01
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	69.99
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	71.10
M505	Finds the number corresponding to part of a collection	71.34
M506	Identifies and forms equivalent fractions of a given fraction	70.38
M508	Converts fractions into decimals and vice versa	65.57
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	67.85
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	64.07
M513	Estimates the volume of a solid body in known units.	69.64
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	68.84
M515	Identifies the pattern in triangular numbers and square number	65.27
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	84.71

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
65	5.03	204	15.78	419	32.41	605	46.79

Lowest Performing Learning Outcomes (LOs)

- 1 - Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa (64.07)
- 2 - Identifies the pattern in triangular numbers and square number (65.27)
- 3 - Converts fractions into decimals and vice versa (65.57)
- 4 - Applies operations of numbers in daily life situations (66.67)
- 5 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (67.76)