



District Report Card: 2017


State: Kerala	District: Alappuzha
Class: 5	Subject: Mathematics
Schools: 61	Students: 1185


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	647	54.60	538	45.40

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	956	80.68	229	19.32

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	160	13.50	8	0.68	879	74.18	138	11.65

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	6	3	0	7	6	8

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	620	52.32	565	47.68

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
56.33	55.54	57.27	56.07	57.41	58.94	53.46	52.42	51.67	57.57	53.24

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	56.88
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	59.06
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	62.94
M421	Represent the collected information in tables and bar graphs and draws inferences from these	57.05
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	71.90
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	61.29
M505	Finds the number corresponding to part of a collection	69.45
M506	Identifies and forms equivalent fractions of a given fraction	50.80
M508	Converts fractions into decimals and vice versa	43.12
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	53.55
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	64.35
M513	Estimates the volume of a solid body in known units.	46.81
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	39.14
M515	Identifies the pattern in triangular numbers and square number	54.09
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	80.65

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
186	15.70	328	27.68	331	27.93	340	28.69

Lowest Performing Learning Outcomes (LOs)

- 1 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (39.14)
- 2 - Converts fractions into decimals and vice versa (43.12)
- 3 - Estimates the volume of a solid body in known units. (46.81)
- 4 - Identifies and forms equivalent fractions of a given fraction (50.80)
- 5 - Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing (53.55)