NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING
NATIONAL ACHIEVEMENT SURVEY - NAS
(Survey of Learning Outcomes)

District Report Card: 2017	
State: Kerala	**District:** Ernakulam
Class: 5	**Subject:** Mathematics
Schools: 60	**Students:** 1342

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	676	50.37	666	49.63

AREA	Rural		Urban	
	Number	%	Number	%
	867	64.61	475	35.39

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	195	14.53	22	1.64	810	60.36	315	23.47

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	3	0	1	4	5

Management	Government		Government-aided	
	Number	%	Number	%
	418	31.15	924	68.85

Average Performance of Students in Mathematics (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
62.44	61.95	62.94	61.96	63.33	58.01	64.45	60.21	60.91	62.06	64.93

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	55.66
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	55.93
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	75.89
M421	Represent the collected information in tables and bar graphs and draws inferences from these	72.35
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	67.59
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	89.97
M505	Finds the number corresponding to part of a collection	65.87
M506	Identifies and forms equivalent fractions of a given fraction	50.37
M508	Converts fractions into decimals and vice versa	64.84
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	57.81
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	59.88
M513	Estimates the volume of a solid body in known units.	47.48
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	51.61
M515	Identifies the pattern in triangular numbers and square number	54.84
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	97.16

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
83	6.18	310	23.10	561	41.80	388	28.91

Lowest Performing Learning Outcomes (LOs)

1 - Estimates the volume of a solid body in known units. (47.48)

2 - Identifies and forms equivalent fractions of a given fraction (50.37)

3 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (51.61)

4 - Identifies the pattern in triangular numbers and square number (54.84)

5 - Applies operations of numbers in daily life situations (55.66)

CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.