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

District Report Card: 2017	
State: Kerala	**District:** Ernakulam
Class: 3	**Subject:** Mathematics
Schools: 61	**Students:** 1333

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	630	47.26	703	52.74

AREA	Rural		Urban	
	Number	%	Number	%
	897	67.29	436	32.71

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	169	12.68	23	1.73	842	63.17	299	22.43

CWSN	LD	VI	HI	S&LD	ID	Oth
	4	1	2	3	6	15

Management	Government		Government-aided	
	Number	%	Number	%
	344	25.81	989	74.19

Average Performance of Students in Mathematics (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
75.87	75.12	76.55	75.76	76.10	76.98	75.49	70.06	59.71	76.73	77.99

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	77.21
M302	Compares numbers up to 999 based on their place values	86.27
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	68.33
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	72.02
M305	Analyses and applies an appropriate number operation in the situation/ context	77.27
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	76.07
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	94.98
M311	Fills a given region leaving no gaps using a tile of a given shape	72.71
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	41.51
M317	Reads the time correctly to the hour using a clock/watch	91.22
M318	Extends patterns in simple shapes and numbers	73.06
M319	Records data using tally marks, represents pictorially and draws conclusions	69.62

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
23	1.73	115	8.63	455	34.13	740	55.51

Lowest Performing Learning Outcomes (LOs)

1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (41.51)

2 - Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping (68.33)

3 - Records data using tally marks, represents pictorially and draws conclusions (69.62)

4 - Constructs and uses the multiplication facts (up till 10) in daily life situations (72.02)

5 - Fills a given region leaving no gaps using a tile of a given shape (72.71)

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