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

District Report Card: 2017	
State: Odisha	**District:** Bolangir
Class: 3	**Subject:** Mathematics
Schools: 55	**Students:** 822

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	393	47.81	429	52.19

AREA	Rural		Urban	
	Number	%	Number	%
	757	92.09	65	7.91

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	161	19.59	209	25.43	431	52.43	21	2.55

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

Management	Government		Government-aided	
	Number	%	Number	%
	822	100.00	0	0.00

Average Performance of Students in Mathematics (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
62.66	62.14	63.14	62.07	69.54	62.66	0.00	63.85	61.79	62.03	75.24

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	64.42
M302	Compares numbers up to 999 based on their place values	71.05
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	55.39
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	60.46
M305	Analyses and applies an appropriate number operation in the situation/ context	63.38
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	67.64
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	81.19
M311	Fills a given region leaving no gaps using a tile of a given shape	11.06
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	36.21
M317	Reads the time correctly to the hour using a clock/watch	72.14
M318	Extends patterns in simple shapes and numbers	60.28
M319	Records data using tally marks, represents pictorially and draws conclusions	76.16

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
89	10.83	170	20.68	270	32.85	293	35.64

Lowest Performing Learning Outcomes (LOs)

1 - Fills a given region leaving no gaps using a tile of a given shape (11.06)

2 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (36.21)

3 - Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping (55.39)

4 - Extends patterns in simple shapes and numbers (60.28)

5 - Constructs and uses the multiplication facts (up till 10) in daily life situations (60.46)

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