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

District Report Card: 2017	
State: Bihar	**District:** Purnia
Class: 3	**Subject:** Mathematics
Schools: 59	**Students:** 1259

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	588	46.70	671	53.30

AREA	Rural		Urban	
	Number	%	Number	%
	1170	92.93	89	7.07

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	221	17.55	46	3.65	904	71.80	88	6.99

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

Management	Government		Government-aided	
	Number	%	Number	%
	1259	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
60.91	62.22	59.75	60.25	69.59	60.91	0.00	60.00	65.80	59.76	72.42

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	51.30
M302	Compares numbers up to 999 based on their place values	74.50
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	59.09
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	65.29
M305	Analyses and applies an appropriate number operation in the situation/ context	59.41
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	59.81
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	73.85
M311	Fills a given region leaving no gaps using a tile of a given shape	46.47
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	29.49
M317	Reads the time correctly to the hour using a clock/watch	68.07
M318	Extends patterns in simple shapes and numbers	52.00
M319	Records data using tally marks, represents pictorially and draws conclusions	69.42

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
184	14.61	222	17.63	438	34.79	415	32.96

Lowest Performing Learning Outcomes (LOs)

1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (29.49)

2 - Fills a given region leaving no gaps using a tile of a given shape (46.47)

3 - Reads and writes numbers up to 999 using place value (51.30)

4 - Extends patterns in simple shapes and numbers (52.00)

5 - Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping (59.09)

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

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