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

Government of India
MHRD

NCERT

District Report Card: 2017	
State: Bihar	**District:** Patna
Class: 3	**Subject:** Mathematics
Schools: 58	**Students:** 1212

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	565	46.62	647	53.38

AREA	Rural		Urban	
	Number	%	Number	%
	997	82.26	215	17.74

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	320	26.40	0	0.00	820	67.66	72	5.94

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	0	1	2	1	16

Management	Government		Government-aided	
	Number	%	Number	%
	1185	97.77	27	2.23

Average Performance of Students in Mathematics (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
68.11	68.26	67.98	66.98	73.33	68.18	64.94	67.71	0.00	67.86	72.69

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	66.61
M302	Compares numbers up to 999 based on their place values	82.18
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	63.81
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	70.67
M305	Analyses and applies an appropriate number operation in the situation/ context	66.09
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	68.40
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	79.36
M311	Fills a given region leaving no gaps using a tile of a given shape	50.17
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	38.20
M317	Reads the time correctly to the hour using a clock/watch	76.32
M318	Extends patterns in simple shapes and numbers	60.49
M319	Records data using tally marks, represents pictorially and draws conclusions	76.98

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
68	5.61	186	15.35	461	38.04	497	41.01

Lowest Performing Learning Outcomes (LOs)

1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (38.20)

2 - Fills a given region leaving no gaps using a tile of a given shape (50.17)

3 - Extends patterns in simple shapes and numbers (60.49)

4 - Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping (63.81)

5 - Analyses and applies an appropriate number operation in the situation/ context (66.09)

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

2