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

District Report Card: 2017	
State: Madhya Pradesh	**District:** Bhopal
Class: 3	**Subject:** Mathematics
Schools: 61	**Students:** 1160

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	654	56.38	506	43.62

AREA	Rural		Urban	
	Number	%	Number	%
	701	60.43	459	39.57

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	355	30.60	105	9.05	510	43.97	190	16.38

CWSN	LD	VI	HI	S&LD	ID	Oth
	4	5	3	0	3	6

Management	Government		Government-aided	
	Number	%	Number	%
	896	77.24	264	22.76

Average Performance of Students in Mathematics (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
68.04	68.60	67.31	66.48	70.43	67.66	69.34	69.35	69.08	68.93	62.63

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	62.61
M302	Compares numbers up to 999 based on their place values	81.90
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	61.56
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	71.38
M305	Analyses and applies an appropriate number operation in the situation/ context	62.24
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	68.97
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	80.14
M311	Fills a given region leaving no gaps using a tile of a given shape	53.52
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	30.50
M317	Reads the time correctly to the hour using a clock/watch	82.41
M318	Extends patterns in simple shapes and numbers	62.19
M319	Records data using tally marks, represents pictorially and draws conclusions	79.22

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
81	6.98	148	12.76	450	38.79	481	41.47

Lowest Performing Learning Outcomes (LOs)

1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (30.50)

2 - Fills a given region leaving no gaps using a tile of a given shape (53.52)

3 - Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping (61.56)

4 - Extends patterns in simple shapes and numbers (62.19)

5 - Analyses and applies an appropriate number operation in the situation/ context (62.24)

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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