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

District Report Card: 2017	
State: Madhya Pradesh	**District:** Sagar
Class: 3	**Subject:** Mathematics
Schools: 60	**Students:** 982

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	508	51.73	474	48.27

AREA	Rural		Urban	
	Number	%	Number	%
	887	90.33	95	9.67

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	286	29.12	155	15.78	508	51.73	33	3.36

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	0	0	1	0	43

Management	Government		Government-aided	
	Number	%	Number	%
	982	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
72.06	71.52	72.63	71.71	75.30	72.06	0.00	72.77	70.92	72.39	66.06

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	62.76
M302	Compares numbers up to 999 based on their place values	84.22
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	70.42
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	73.07
M305	Analyses and applies an appropriate number operation in the situation/ context	65.99
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	72.40
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	84.60
M311	Fills a given region leaving no gaps using a tile of a given shape	58.16
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	41.46
M317	Reads the time correctly to the hour using a clock/watch	85.44
M318	Extends patterns in simple shapes and numbers	66.12
M319	Records data using tally marks, represents pictorially and draws conclusions	78.92

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
42	4.28	125	12.73	314	31.98	501	51.02

Lowest Performing Learning Outcomes (LOs)

1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (41.46)

2 - Fills a given region leaving no gaps using a tile of a given shape (58.16)

3 - Reads and writes numbers up to 999 using place value (62.76)

4 - Analyses and applies an appropriate number operation in the situation/ context (65.99)

5 - Extends patterns in simple shapes and numbers (66.12)

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