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: 8	**Subject:** Science
Schools: 51	**Students:** 1291

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	542	41.98	749	58.02

AREA	Rural		Urban	
	Number	%	Number	%
	1116	86.44	175	13.56

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	361	27.96	209	16.19	678	52.52	43	3.33

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	4	7	3	0	20

Management	Government		Government-aided	
	Number	%	Number	%
	1291	100.00	0	0.00

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
50.14	51.34	49.27	50.04	50.74	50.14	0.00	47.07	53.21	50.78	50.85

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	53.72
SCI704	Conducts simple investigation to seek answers to queries	28.45
SCI705	Relates processes and phenomenon with causes	45.38
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	64.29
SCI710	Plots and interprets graphs	44.96
SCI711	Constructs models using materials from surroundings and explains their working	46.05
SCI801	Differentiates materials, organism and processes	52.85
SCI804	Relates processes and phenomenon with causes	48.06
SCI805	Explains processes and phenomenon	45.59
SCI807	Measures angles of incidence and reflection, etc.	53.21
SCI811	Applies learning of scientific concepts in day-to-day life	52.86
SCI813	Makes efforts to protect environment	67.47

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
299	23.16	282	21.84	529	40.98	181	14.02

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (28.45)

2 - Plots and interprets graphs (44.96)

3 - Relates processes and phenomenon with causes (45.38)

4 - Explains processes and phenomenon (45.59)

5 - Constructs models using materials from surroundings and explains their working (46.05)

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

2