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

District Report Card: 2017	
State: Madhya Pradesh	**District:** Shahdol
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1315

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	597	45.40	718	54.60

AREA	Rural		Urban	
	Number	%	Number	%
	1191	90.57	124	9.43

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	110	8.37	739	56.20	412	31.33	54	4.11

CWSN	LD	VI	HI	S&LD	ID	Oth
	4	2	15	1	4	36

Management	Government		Government-aided	
	Number	%	Number	%
	1315	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
44.87	44.15	45.46	43.49	58.06	44.87	0.00	43.76	43.37	46.65	53.95

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.46
SCI704	Conducts simple investigation to seek answers to queries	32.03
SCI705	Relates processes and phenomenon with causes	37.20
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	57.64
SCI710	Plots and interprets graphs	40.33
SCI711	Constructs models using materials from surroundings and explains their working	44.75
SCI801	Differentiates materials, organism and processes	49.37
SCI804	Relates processes and phenomenon with causes	45.97
SCI805	Explains processes and phenomenon	35.94
SCI807	Measures angles of incidence and reflection, etc.	47.60
SCI811	Applies learning of scientific concepts in day-to-day life	47.73
SCI813	Makes efforts to protect environment	61.22

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
378	28.75	414	31.48	372	28.29	151	11.48

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (32.03)

2 - Explains processes and phenomenon (35.94)

3 - Relates processes and phenomenon with causes (37.20)

4 - Plots and interprets graphs (40.33)

5 - Classifies materials and organisms based on properties/characteristics (43.46)

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