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

District Report Card: 2017	
State: Madhya Pradesh	**District:** Chhindwara
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1229

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	606	49.31	623	50.69

AREA	Rural		Urban	
	Number	%	Number	%
	1018	82.83	211	17.17

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	153	12.45	563	45.81	497	40.44	16	1.30

CWSN	LD	VI	HI	S&LD	ID	Oth
	8	1	7	0	1	38

Management	Government		Government-aided	
	Number	%	Number	%
	1166	94.87	63	5.13

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
38.37	37.80	38.93	38.46	37.95	38.82	30.16	37.30	34.68	42.82	40.42

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.23
SCI704	Conducts simple investigation to seek answers to queries	23.16
SCI705	Relates processes and phenomenon with causes	32.27
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	46.62
SCI710	Plots and interprets graphs	37.74
SCI711	Constructs models using materials from surroundings and explains their working	30.19
SCI801	Differentiates materials, organism and processes	47.50
SCI804	Relates processes and phenomenon with causes	40.72
SCI805	Explains processes and phenomenon	36.33
SCI807	Measures angles of incidence and reflection, etc.	34.91
SCI811	Applies learning of scientific concepts in day-to-day life	40.59
SCI813	Makes efforts to protect environment	52.32

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
445	36.21	467	38.00	278	22.62	39	3.17

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (23.16)

2 - Constructs models using materials from surroundings and explains their working (30.19)

3 - Relates processes and phenomenon with causes (32.27)

4 - Measures angles of incidence and reflection, etc. (34.91)

5 - Classifies materials and organisms based on properties/characteristics (35.23)

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