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

District Report Card: 2017	
State: Madhya Pradesh	**District:** Chhatarpur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1201

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	641	53.37	560	46.63

AREA	Rural		Urban	
	Number	%	Number	%
	1035	86.18	166	13.82

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	365	30.39	57	4.75	700	58.28	79	6.58

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	2	8	1	1	2

Management	Government		Government-aided	
	Number	%	Number	%
	1201	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
46.70	45.33	48.27	46.69	46.79	46.70	0.00	47.20	34.85	47.77	43.46

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	45.60
SCI704	Conducts simple investigation to seek answers to queries	31.93
SCI705	Relates processes and phenomenon with causes	41.23
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	61.62
SCI710	Plots and interprets graphs	38.82
SCI711	Constructs models using materials from surroundings and explains their working	40.00
SCI801	Differentiates materials, organism and processes	49.48
SCI804	Relates processes and phenomenon with causes	38.99
SCI805	Explains processes and phenomenon	39.68
SCI807	Measures angles of incidence and reflection, etc.	52.37
SCI811	Applies learning of scientific concepts in day-to-day life	50.91
SCI813	Makes efforts to protect environment	63.70

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
312	25.98	347	28.89	383	31.89	159	13.24

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (31.93)

2 - Plots and interprets graphs (38.82)

3 - Relates processes and phenomenon with causes (38.99)

4 - Explains processes and phenomenon (39.68)

5 - Constructs models using materials from surroundings and explains their working (40.00)

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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