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

District Report Card: 2017	
State: Jharkhand	**District:** Deoghar
Class: 8	**Subject:** Science
Schools: 49	**Students:** 1326

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	658	49.62	668	50.38

AREA	Rural		Urban	
	Number	%	Number	%
	1187	89.52	139	10.48

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	149	11.24	105	7.92	964	72.70	108	8.14

CWSN	LD	VI	HI	S&LD	ID	Oth
	6	2	2	2	1	24

Management	Government		Government-aided	
	Number	%	Number	%
	1326	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
57.85	58.45	57.27	58.53	52.09	57.85	0.00	55.35	56.95	58.42	57.10

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	51.78
SCI704	Conducts simple investigation to seek answers to queries	38.50
SCI705	Relates processes and phenomenon with causes	55.81
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	71.49
SCI710	Plots and interprets graphs	53.53
SCI711	Constructs models using materials from surroundings and explains their working	53.23
SCI801	Differentiates materials, organism and processes	64.68
SCI804	Relates processes and phenomenon with causes	63.91
SCI805	Explains processes and phenomenon	44.39
SCI807	Measures angles of incidence and reflection, etc.	70.59
SCI811	Applies learning of scientific concepts in day-to-day life	62.47
SCI813	Makes efforts to protect environment	69.08

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
148	11.16	332	25.04	531	40.05	315	23.76

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (38.50)

2 - Explains processes and phenomenon (44.39)

3 - Classifies materials and organisms based on properties/characteristics (51.78)

4 - Constructs models using materials from surroundings and explains their working (53.23)

5 - Plots and interprets graphs (53.53)

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