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

District Report Card: 2017	
State: Jharkhand	**District:** Lohardaga
Class: 8	**Subject:** Science
Schools: 46	**Students:** 1160

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	506	43.62	654	56.38

AREA	Rural		Urban	
	Number	%	Number	%
	1052	90.69	108	9.31

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	54	4.66	688	59.31	345	29.74	73	6.29

CWSN	LD	VI	HI	S&LD	ID	Oth
	5	1	3	3	0	1

Management	Government		Government-aided	
	Number	%	Number	%
	1103	95.09	57	4.91

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
48.19	50.69	46.26	49.18	38.58	48.51	41.99	43.09	47.68	49.37	51.14

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.93
SCI704	Conducts simple investigation to seek answers to queries	36.95
SCI705	Relates processes and phenomenon with causes	45.96
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	50.69
SCI710	Plots and interprets graphs	45.41
SCI711	Constructs models using materials from surroundings and explains their working	36.57
SCI801	Differentiates materials, organism and processes	57.65
SCI804	Relates processes and phenomenon with causes	53.55
SCI805	Explains processes and phenomenon	39.13
SCI807	Measures angles of incidence and reflection, etc.	53.97
SCI811	Applies learning of scientific concepts in day-to-day life	51.53
SCI813	Makes efforts to protect environment	57.41

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
267	23.02	384	33.10	362	31.21	147	12.67

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (36.57)

2 - Conducts simple investigation to seek answers to queries (36.95)

3 - Explains processes and phenomenon (39.13)

4 - Classifies materials and organisms based on properties/characteristics (43.93)

5 - Plots and interprets graphs (45.41)

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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