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

District Report Card: 2017	
State: Jharkhand	**District:** Saraikela-kharsawan
Class: 8	**Subject:** Science
Schools: 48	**Students:** 1063

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	526	49.48	537	50.52

AREA	Rural		Urban	
	Number	%	Number	%
	949	89.28	114	10.72

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	40	3.76	470	44.21	521	49.01	32	3.01

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	5	4	1	1	2

Management	Government		Government-aided	
	Number	%	Number	%
	1063	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
57.31	56.91	57.70	56.19	66.67	57.31	0.00	55.17	53.63	60.10	68.54

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	54.82
SCI704	Conducts simple investigation to seek answers to queries	42.80
SCI705	Relates processes and phenomenon with causes	52.17
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	66.04
SCI710	Plots and interprets graphs	61.31
SCI711	Constructs models using materials from surroundings and explains their working	52.90
SCI801	Differentiates materials, organism and processes	64.09
SCI804	Relates processes and phenomenon with causes	71.03
SCI805	Explains processes and phenomenon	43.12
SCI807	Measures angles of incidence and reflection, etc.	69.05
SCI811	Applies learning of scientific concepts in day-to-day life	57.91
SCI813	Makes efforts to protect environment	69.43

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
145	13.64	255	23.99	398	37.44	265	24.93

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (42.80)

2 - Explains processes and phenomenon (43.12)

3 - Relates processes and phenomenon with causes (52.17)

4 - Constructs models using materials from surroundings and explains their working (52.90)

5 - Classifies materials and organisms based on properties/characteristics (54.82)

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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