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

District Report Card: 2017	
State: Odisha	**District:** Jharsuguda
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1055

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	461	43.70	594	56.30

AREA	Rural		Urban	
	Number	%	Number	%
	732	69.38	323	30.62

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	291	27.58	469	44.45	249	23.60	46	4.36

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	2	2	1	3	1

Management	Government		Government-aided	
	Number	%	Number	%
	1055	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**
42.67	42.43	42.85	44.78	37.87	42.67	0.00	40.21	44.28	42.84	40.87

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.80
SCI704	Conducts simple investigation to seek answers to queries	30.71
SCI705	Relates processes and phenomenon with causes	42.29
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	47.20
SCI710	Plots and interprets graphs	34.55
SCI711	Constructs models using materials from surroundings and explains their working	33.59
SCI801	Differentiates materials, organism and processes	44.83
SCI804	Relates processes and phenomenon with causes	48.56
SCI805	Explains processes and phenomenon	39.77
SCI807	Measures angles of incidence and reflection, etc.	43.60
SCI811	Applies learning of scientific concepts in day-to-day life	40.95
SCI813	Makes efforts to protect environment	68.53

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
334	31.66	351	33.27	296	28.06	74	7.01

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (30.71)

2 - Constructs models using materials from surroundings and explains their working (33.59)

3 - Plots and interprets graphs (34.55)

4 - Explains processes and phenomenon (39.77)

5 - Classifies materials and organisms based on properties/characteristics (40.80)

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