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

District Report Card: 2017	
State: Odisha	**District:** Nabarangpur
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1247

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	622	49.88	625	50.12

AREA	Rural		Urban	
	Number	%	Number	%
	1142	91.58	105	8.42

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	209	16.76	775	62.15	199	15.96	64	5.13

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	2	1	2	0	338

Management	Government		Government-aided	
	Number	%	Number	%
	1193	95.67	54	4.33

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
47.91	48.77	47.06	48.23	44.44	48.46	35.80	43.29	49.48	46.13	49.58

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	52.32
SCI704	Conducts simple investigation to seek answers to queries	41.18
SCI705	Relates processes and phenomenon with causes	43.85
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	61.03
SCI710	Plots and interprets graphs	42.15
SCI711	Constructs models using materials from surroundings and explains their working	42.79
SCI801	Differentiates materials, organism and processes	52.59
SCI804	Relates processes and phenomenon with causes	50.96
SCI805	Explains processes and phenomenon	38.82
SCI807	Measures angles of incidence and reflection, etc.	51.40
SCI811	Applies learning of scientific concepts in day-to-day life	42.11
SCI813	Makes efforts to protect environment	63.59

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
316	25.34	380	30.47	382	30.63	169	13.55

Lowest Performing Learning Outcomes (LOs)

1 - Explains processes and phenomenon (38.82)

2 - Conducts simple investigation to seek answers to queries (41.18)

3 - Applies learning of scientific concepts in day-to-day life (42.11)

4 - Plots and interprets graphs (42.15)

5 - Constructs models using materials from surroundings and explains their working (42.79)

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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