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

District Report Card: 2017	
State: Odisha	**District:** Bhadrak
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1318

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	634	48.10	684	51.90

AREA	Rural		Urban	
	Number	%	Number	%
	1318	100.00	0	0.00

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	370	28.07	3	0.23	801	60.77	144	10.93

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	5	0	4	7	11

Management	Government		Government-aided	
	Number	%	Number	%
	1178	89.38	140	10.62

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
48.16	50.99	45.54	48.16	0.00	49.56	36.33	47.39	42.22	48.33	49.31

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	45.92
SCI704	Conducts simple investigation to seek answers to queries	39.62
SCI705	Relates processes and phenomenon with causes	46.08
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	50.15
SCI710	Plots and interprets graphs	45.66
SCI711	Constructs models using materials from surroundings and explains their working	33.33
SCI801	Differentiates materials, organism and processes	50.72
SCI804	Relates processes and phenomenon with causes	59.36
SCI805	Explains processes and phenomenon	45.78
SCI807	Measures angles of incidence and reflection, etc.	47.34
SCI811	Applies learning of scientific concepts in day-to-day life	49.08
SCI813	Makes efforts to protect environment	65.48

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
320	24.28	428	32.47	383	29.06	187	14.19

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (33.33)

2 - Conducts simple investigation to seek answers to queries (39.62)

3 - Plots and interprets graphs (45.66)

4 - Explains processes and phenomenon (45.78)

5 - Classifies materials and organisms based on properties/characteristics (45.92)

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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