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

District Report Card: 2017	
State: Odisha	**District:** Keonjhar
Class: 8	**Subject:** Science
Schools: 43	**Students:** 1144

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	552	48.25	592	51.75

AREA	Rural		Urban	
	Number	%	Number	%
	1037	90.65	107	9.35

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	107	9.35	674	58.92	348	30.42	15	1.31

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	2	0	2	3	4

Management	Government		Government-aided	
	Number	%	Number	%
	851	74.39	293	25.61

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
42.99	**41.58**	**44.30**	**44.78**	**25.61**	**41.66**	**46.85**	**42.24**	**41.72**	**45.61**	**44.44**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.77
SCI704	Conducts simple investigation to seek answers to queries	35.22
SCI705	Relates processes and phenomenon with causes	39.48
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	42.83
SCI710	Plots and interprets graphs	37.87
SCI711	Constructs models using materials from surroundings and explains their working	29.67
SCI801	Differentiates materials, organism and processes	50.61
SCI804	Relates processes and phenomenon with causes	45.72
SCI805	Explains processes and phenomenon	37.61
SCI807	Measures angles of incidence and reflection, etc.	47.12
SCI811	Applies learning of scientific concepts in day-to-day life	43.12
SCI813	Makes efforts to protect environment	59.62

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
397	34.70	331	28.93	260	22.73	156	13.64

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (29.67)

2 - Conducts simple investigation to seek answers to queries (35.22)

3 - Explains processes and phenomenon (37.61)

4 - Plots and interprets graphs (37.87)

5 - Relates processes and phenomenon with causes (39.48)

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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