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

District Report Card: 2017	
State: Odisha	**District:** Jagatsinghpur
Class: 8	**Subject:** Science
Schools: 36	**Students:** 875

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	416	47.54	459	52.46

AREA	Rural		Urban	
	Number	%	Number	%
	875	100.00	0	0.00

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	235	26.86	4	0.46	561	64.11	75	8.57

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	1	0	2	2	0

Management	Government		Government-aided	
	Number	%	Number	%
	369	42.17	506	57.83

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
59.12	57.74	60.36	59.12	0.00	58.39	59.64	59.32	53.33	58.89	60.44

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	60.03
SCI704	Conducts simple investigation to seek answers to queries	52.89
SCI705	Relates processes and phenomenon with causes	53.42
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	69.03
SCI710	Plots and interprets graphs	51.15
SCI711	Constructs models using materials from surroundings and explains their working	52.52
SCI801	Differentiates materials, organism and processes	60.68
SCI804	Relates processes and phenomenon with causes	60.55
SCI805	Explains processes and phenomenon	52.82
SCI807	Measures angles of incidence and reflection, etc.	59.09
SCI811	Applies learning of scientific concepts in day-to-day life	60.36
SCI813	Makes efforts to protect environment	75.54

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
108	12.34	247	28.23	250	28.57	270	30.86

Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (51.15)

2 - Constructs models using materials from surroundings and explains their working (52.52)

3 - Explains processes and phenomenon (52.82)

4 - Conducts simple investigation to seek answers to queries (52.89)

5 - Relates processes and phenomenon with causes (53.42)

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

2