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

District Report Card: 2017	
State: Bihar	**District:** Gopalganj
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1236

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	457	36.97	779	63.03

AREA	Rural		Urban	
	Number	%	Number	%
	1114	90.13	122	9.87

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	161	13.03	68	5.50	817	66.10	190	15.37

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

Management	Government		Government-aided	
	Number	%	Number	%
	1210	97.90	26	2.10

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
47.45	46.97	47.74	47.22	49.62	47.77	32.82	43.64	40.10	48.34	49.51

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.65
SCI704	Conducts simple investigation to seek answers to queries	31.29
SCI705	Relates processes and phenomenon with causes	46.59
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	65.45
SCI710	Plots and interprets graphs	38.93
SCI711	Constructs models using materials from surroundings and explains their working	36.24
SCI801	Differentiates materials, organism and processes	53.34
SCI804	Relates processes and phenomenon with causes	42.95
SCI805	Explains processes and phenomenon	37.74
SCI807	Measures angles of incidence and reflection, etc.	54.05
SCI811	Applies learning of scientific concepts in day-to-day life	48.73
SCI813	Makes efforts to protect environment	64.48

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
319	25.81	318	25.73	476	38.51	123	9.95

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (31.29)

2 - Constructs models using materials from surroundings and explains their working (36.24)

3 - Explains processes and phenomenon (37.74)

4 - Plots and interprets graphs (38.93)

5 - Relates processes and phenomenon with causes (42.95)

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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