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

District Report Card: 2017	
State: Bihar	**District:** Bhagalpur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1209

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	522	43.18	687	56.82

AREA	Rural		Urban	
	Number	%	Number	%
	1058	87.51	151	12.49

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	163	13.48	22	1.82	866	71.63	158	13.07

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

Management	Government		Government-aided	
	Number	%	Number	%
	1197	99.01	12	0.99

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
41.13	41.80	40.62	42.39	32.32	41.06	47.78	36.89	38.18	41.62	43.25

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.61
SCI704	Conducts simple investigation to seek answers to queries	30.71
SCI705	Relates processes and phenomenon with causes	34.98
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	57.49
SCI710	Plots and interprets graphs	26.90
SCI711	Constructs models using materials from surroundings and explains their working	27.71
SCI801	Differentiates materials, organism and processes	49.45
SCI804	Relates processes and phenomenon with causes	42.14
SCI805	Explains processes and phenomenon	32.87
SCI807	Measures angles of incidence and reflection, etc.	40.45
SCI811	Applies learning of scientific concepts in day-to-day life	42.88
SCI813	Makes efforts to protect environment	58.73

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
418	34.57	376	31.10	335	27.71	80	6.62

Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (26.90)

2 - Constructs models using materials from surroundings and explains their working (27.71)

3 - Conducts simple investigation to seek answers to queries (30.71)

4 - Explains processes and phenomenon (32.87)

5 - Relates processes and phenomenon with causes (34.98)

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

2