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

District Report Card: 2017	
State: Bihar	**District:** Buxar
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1213

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	632	52.10	581	47.90

AREA	Rural		Urban	
	Number	%	Number	%
	1126	92.83	87	7.17

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	218	17.97	25	2.06	804	66.28	166	13.69

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	0	1	0	4	0

Management	Government		Government-aided	
	Number	%	Number	%
	1213	100.00	0	0.00

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
41.78	45.21	38.04	42.40	33.72	41.78	0.00	33.12	34.93	43.30	46.79

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.35
SCI704	Conducts simple investigation to seek answers to queries	29.01
SCI705	Relates processes and phenomenon with causes	42.80
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	50.78
SCI710	Plots and interprets graphs	39.48
SCI711	Constructs models using materials from surroundings and explains their working	30.67
SCI801	Differentiates materials, organism and processes	43.95
SCI804	Relates processes and phenomenon with causes	42.90
SCI805	Explains processes and phenomenon	33.20
SCI807	Measures angles of incidence and reflection, etc.	47.32
SCI811	Applies learning of scientific concepts in day-to-day life	44.71
SCI813	Makes efforts to protect environment	58.78

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
450	37.10	333	27.45	321	26.46	109	8.99

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (29.01)

2 - Constructs models using materials from surroundings and explains their working (30.67)

3 - Explains processes and phenomenon (33.20)

4 - Classifies materials and organisms based on properties/characteristics (37.35)

5 - Plots and interprets graphs (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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