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

District Report Card: 2017	
State: Bihar	**District:** Khagaria
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1220

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	588	48.20	632	51.80

AREA	Rural		Urban	
	Number	%	Number	%
	1150	94.26	70	5.74

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	162	13.28	3	0.25	918	75.25	137	11.23

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	0	15	1	1	4

Management	Government		Government-aided	
	Number	%	Number	%
	1195	97.95	25	2.05

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
44.78	46.67	43.03	44.59	47.90	44.81	43.20	40.74	26.67	44.91	49.10

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.07
SCI704	Conducts simple investigation to seek answers to queries	29.72
SCI705	Relates processes and phenomenon with causes	44.22
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	58.03
SCI710	Plots and interprets graphs	37.13
SCI711	Constructs models using materials from surroundings and explains their working	30.86
SCI801	Differentiates materials, organism and processes	52.01
SCI804	Relates processes and phenomenon with causes	47.85
SCI805	Explains processes and phenomenon	35.77
SCI807	Measures angles of incidence and reflection, etc.	49.51
SCI811	Applies learning of scientific concepts in day-to-day life	45.72
SCI813	Makes efforts to protect environment	61.80

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
323	26.48	401	32.87	410	33.61	86	7.05

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (29.72)

2 - Constructs models using materials from surroundings and explains their working (30.86)

3 - Explains processes and phenomenon (35.77)

4 - Plots and interprets graphs (37.13)

5 - Classifies materials and organisms based on properties/characteristics (41.07)

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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