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

Government of India
MHRD

NCERT

District Report Card: 2017	
State: Bihar	**District:** Kishanganj
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1088

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	398	36.58	690	63.42

AREA	Rural		Urban	
	Number	%	Number	%
	1008	92.65	80	7.35

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	128	11.76	34	3.13	492	45.22	434	39.89

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

Management	Government		Government-aided	
	Number	%	Number	%
	1068	98.16	20	1.84

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
41.28	**41.17**	**41.34**	**41.69**	**36.17**	**41.25**	**42.67**	**36.72**	**50.59**	**41.07**	**42.14**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.81
SCI704	Conducts simple investigation to seek answers to queries	22.32
SCI705	Relates processes and phenomenon with causes	37.80
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	55.06
SCI710	Plots and interprets graphs	38.25
SCI711	Constructs models using materials from surroundings and explains their working	36.01
SCI801	Differentiates materials, organism and processes	49.49
SCI804	Relates processes and phenomenon with causes	44.59
SCI805	Explains processes and phenomenon	30.30
SCI807	Measures angles of incidence and reflection, etc.	44.30
SCI811	Applies learning of scientific concepts in day-to-day life	42.46
SCI813	Makes efforts to protect environment	57.26

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
396	36.40	329	30.24	257	23.62	106	9.74

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (22.32)

2 - Explains processes and phenomenon (30.30)

3 - Constructs models using materials from surroundings and explains their working (36.01)

4 - Relates processes and phenomenon with causes (37.80)

5 - Plots and interprets graphs (38.25)

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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