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: Assam	**District:** Karimganj
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1179

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	518	43.94	661	56.06

AREA	Rural		Urban	
	Number	%	Number	%
	1077	91.35	102	8.65

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	216	18.32	21	1.78	249	21.12	693	58.78

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

Management	Government		Government-aided	
	Number	%	Number	%
	1052	89.23	127	10.77

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
51.04	49.87	51.96	50.41	57.78	51.35	48.50	48.67	21.59	46.10	54.45

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	49.16
SCI704	Conducts simple investigation to seek answers to queries	33.70
SCI705	Relates processes and phenomenon with causes	44.59
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	70.48
SCI710	Plots and interprets graphs	49.09
SCI711	Constructs models using materials from surroundings and explains their working	54.56
SCI801	Differentiates materials, organism and processes	61.80
SCI804	Relates processes and phenomenon with causes	52.37
SCI805	Explains processes and phenomenon	39.94
SCI807	Measures angles of incidence and reflection, etc.	53.44
SCI811	Applies learning of scientific concepts in day-to-day life	50.98
SCI813	Makes efforts to protect environment	63.61

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
267	22.65	301	25.53	380	32.23	231	19.59

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (33.70)

2 - Explains processes and phenomenon (39.94)

3 - Relates processes and phenomenon with causes (44.59)

4 - Plots and interprets graphs (49.09)

5 - Classifies materials and organisms based on properties/characteristics (49.16)

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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