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

District Report Card: 2017	
State: Assam	**District:** Cachar
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1295

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	638	49.27	657	50.73

AREA	Rural		Urban	
	Number	%	Number	%
	1125	86.87	170	13.13

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	352	27.18	35	2.70	379	29.27	529	40.85

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	3	0	1	0	67

Management	Government		Government-aided	
	Number	%	Number	%
	1131	87.34	164	12.66

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
51.91	50.95	52.84	52.60	47.29	53.20	42.97	51.14	43.81	50.26	54.14

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.28
SCI704	Conducts simple investigation to seek answers to queries	29.97
SCI705	Relates processes and phenomenon with causes	46.07
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	62.78
SCI710	Plots and interprets graphs	46.20
SCI711	Constructs models using materials from surroundings and explains their working	46.82
SCI801	Differentiates materials, organism and processes	62.67
SCI804	Relates processes and phenomenon with causes	52.71
SCI805	Explains processes and phenomenon	41.39
SCI807	Measures angles of incidence and reflection, etc.	62.86
SCI811	Applies learning of scientific concepts in day-to-day life	56.39
SCI813	Makes efforts to protect environment	71.27

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
219	16.91	388	29.96	503	38.84	185	14.29

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (29.97)

2 - Explains processes and phenomenon (41.39)

3 - Classifies materials and organisms based on properties/characteristics (44.28)

4 - Relates processes and phenomenon with causes (46.07)

5 - Plots and interprets graphs (46.20)

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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