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

District Report Card: 2017	
State: Assam	**District:** Nagaon
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1256

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	554	44.11	702	55.89

AREA	Rural		Urban	
	Number	%	Number	%
	1060	84.39	196	15.61

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	149	11.86	83	6.61	178	14.17	846	67.36

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	2	2	9	0	2

Management	Government		Government-aided	
	Number	%	Number	%
	972	77.39	284	22.61

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
53.95	**54.00**	**53.92**	**53.75**	**55.07**	**55.33**	**49.25**	**48.77**	**49.48**	**52.17**	**55.68**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	48.45
SCI704	Conducts simple investigation to seek answers to queries	40.40
SCI705	Relates processes and phenomenon with causes	47.99
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	62.98
SCI710	Plots and interprets graphs	53.19
SCI711	Constructs models using materials from surroundings and explains their working	48.52
SCI801	Differentiates materials, organism and processes	64.32
SCI804	Relates processes and phenomenon with causes	51.32
SCI805	Explains processes and phenomenon	48.74
SCI807	Measures angles of incidence and reflection, etc.	53.98
SCI811	Applies learning of scientific concepts in day-to-day life	55.54
SCI813	Makes efforts to protect environment	69.67

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
195	15.53	360	28.66	487	38.77	214	17.04

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (40.40)

2 - Relates processes and phenomenon with causes (47.99)

3 - Classifies materials and organisms based on properties/characteristics (48.45)

4 - Constructs models using materials from surroundings and explains their working (48.52)

5 - Explains processes and phenomenon (48.74)

CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment;
S&LD- Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.