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

District Report Card: 2017	
State: Assam	**District:** Sonitpur
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1154

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	502	43.50	652	56.50

AREA	Rural		Urban	
	Number	%	Number	%
	1028	89.08	126	10.92

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	121	10.49	176	15.25	544	47.14	313	27.12

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	2	7	3	0	1

Management	Government		Government-aided	
	Number	%	Number	%
	882	76.43	272	23.57

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
39.31	**38.87**	**39.65**	**40.17**	**32.33**	**37.98**	**43.63**	**32.73**	**41.48**	**38.22**	**42.53**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.13
SCI704	Conducts simple investigation to seek answers to queries	28.23
SCI705	Relates processes and phenomenon with causes	40.05
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	43.07
SCI710	Plots and interprets graphs	36.28
SCI711	Constructs models using materials from surroundings and explains their working	28.85
SCI801	Differentiates materials, organism and processes	48.77
SCI804	Relates processes and phenomenon with causes	44.78
SCI805	Explains processes and phenomenon	31.73
SCI807	Measures angles of incidence and reflection, etc.	37.78
SCI811	Applies learning of scientific concepts in day-to-day life	40.26
SCI813	Makes efforts to protect environment	51.73

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
386	33.45	451	39.08	267	23.14	50	4.33

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (28.23)

2 - Constructs models using materials from surroundings and explains their working (28.85)

3 - Explains processes and phenomenon (31.73)

4 - Classifies materials and organisms based on properties/characteristics (36.13)

5 - Plots and interprets graphs (36.28)

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