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

District Report Card: 2017	
State: Assam	**District:** Tinsukia
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1321

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	578	43.75	743	56.25

AREA	Rural		Urban	
	Number	%	Number	%
	1091	82.59	230	17.41

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	66	5.00	109	8.25	994	75.25	152	11.51

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

Management	Government		Government-aided	
	Number	%	Number	%
	979	74.11	342	25.89

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
47.54	**45.94**	**48.79**	**47.44**	**48.03**	**48.04**	**46.14**	**51.41**	**42.75**	**47.25**	**51.23**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.97
SCI704	Conducts simple investigation to seek answers to queries	39.55
SCI705	Relates processes and phenomenon with causes	43.43
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	40.88
SCI710	Plots and interprets graphs	48.40
SCI711	Constructs models using materials from surroundings and explains their working	33.49
SCI801	Differentiates materials, organism and processes	58.60
SCI804	Relates processes and phenomenon with causes	44.90
SCI805	Explains processes and phenomenon	39.04
SCI807	Measures angles of incidence and reflection, etc.	50.64
SCI811	Applies learning of scientific concepts in day-to-day life	51.89
SCI813	Makes efforts to protect environment	63.89

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
311	23.54	468	35.43	358	27.10	184	13.93

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (33.49)

2 - Explains processes and phenomenon (39.04)

3 - Conducts simple investigation to seek answers to queries (39.55)

4 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (40.88)

5 - Classifies materials and organisms based on properties/characteristics (42.97)

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

2