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

District Report Card: 2017	
State: Assam	**District:** Dhubri
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1151

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	540	46.92	611	53.08

AREA	Rural		Urban	
	Number	%	Number	%
	1004	87.23	147	12.77

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	71	6.17	7	0.61	122	10.60	951	82.62

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	2	1	5	0	10

Management	Government		Government-aided	
	Number	%	Number	%
	867	75.33	284	24.67

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
50.34	50.56	50.15	51.89	39.73	49.20	53.83	41.97	45.71	52.46	50.73

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.27
SCI704	Conducts simple investigation to seek answers to queries	39.73
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.	65.51
SCI710	Plots and interprets graphs	40.93
SCI711	Constructs models using materials from surroundings and explains their working	41.31
SCI801	Differentiates materials, organism and processes	59.21
SCI804	Relates processes and phenomenon with causes	48.60
SCI805	Explains processes and phenomenon	41.37
SCI807	Measures angles of incidence and reflection, etc.	60.38
SCI811	Applies learning of scientific concepts in day-to-day life	50.62
SCI813	Makes efforts to protect environment	68.03

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
221	19.20	333	28.93	464	40.31	133	11.56

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (39.73)

2 - Classifies materials and organisms based on properties/characteristics (40.27)

3 - Plots and interprets graphs (40.93)

4 - Constructs models using materials from surroundings and explains their working (41.31)

5 - Explains processes and phenomenon (41.37)

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