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

District Report Card: 2017	
State: Tripura	**District:** Dhalai
Class: 8	**Subject:** Science
Schools: 50	**Students:** 895

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	418	46.70	477	53.30

AREA	Rural		Urban	
	Number	%	Number	%
	792	88.49	103	11.51

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	181	20.22	502	56.09	161	17.99	51	5.70

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	1	1	1	1	15

Management	Government		Government-aided	
	Number	%	Number	%
	895	100.00	0	0.00

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.45	36.89	36.06	37.40	29.13	36.45	0.00	40.55	32.12	45.13	36.99

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.16
SCI704	Conducts simple investigation to seek answers to queries	25.00
SCI705	Relates processes and phenomenon with causes	38.78
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	35.98
SCI710	Plots and interprets graphs	30.52
SCI711	Constructs models using materials from surroundings and explains their working	21.65
SCI801	Differentiates materials, organism and processes	44.20
SCI804	Relates processes and phenomenon with causes	51.52
SCI805	Explains processes and phenomenon	32.68
SCI807	Measures angles of incidence and reflection, etc.	37.65
SCI811	Applies learning of scientific concepts in day-to-day life	37.65
SCI813	Makes efforts to protect environment	44.02

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
354	39.55	333	37.21	172	19.22	36	4.02

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (21.65)

2 - Conducts simple investigation to seek answers to queries (25.00)

3 - Plots and interprets graphs (30.52)

4 - Explains processes and phenomenon (32.68)

5 - Classifies materials and organisms based on properties/characteristics (33.16)

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