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

District Report Card: 2017	
State: Tripura	**District:** Khowai
Class: 8	**Subject:** Science
Schools: 48	**Students:** 928

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	463	49.89	465	50.11

AREA	Rural		Urban	
	Number	%	Number	%
	830	89.44	98	10.56

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	251	27.05	366	39.44	228	24.57	83	8.94

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

Management	Government		Government-aided	
	Number	%	Number	%
	906	97.63	22	2.37

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
44.15	**42.38**	**45.91**	**43.04**	**53.54**	**43.60**	**66.67**	**44.14**	**44.54**	**42.19**	**47.79**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.95
SCI704	Conducts simple investigation to seek answers to queries	31.16
SCI705	Relates processes and phenomenon with causes	40.17
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	45.91
SCI710	Plots and interprets graphs	37.14
SCI711	Constructs models using materials from surroundings and explains their working	38.93
SCI801	Differentiates materials, organism and processes	54.12
SCI804	Relates processes and phenomenon with causes	60.40
SCI805	Explains processes and phenomenon	37.12
SCI807	Measures angles of incidence and reflection, etc.	48.81
SCI811	Applies learning of scientific concepts in day-to-day life	43.99
SCI813	Makes efforts to protect environment	51.83

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
282	30.39	302	32.54	234	25.22	110	11.85

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (31.16)

2 - Explains processes and phenomenon (37.12)

3 - Plots and interprets graphs (37.14)

4 - Constructs models using materials from surroundings and explains their working (38.93)

5 - Relates processes and phenomenon with causes (40.17)

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

2