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

District Report Card: 2017	
State: Tripura	**District:** South Tripura
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1069

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	510	47.71	559	52.29

AREA	Rural		Urban	
	Number	%	Number	%
	922	86.25	147	13.75

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	223	20.86	306	28.62	266	24.88	274	25.63

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	4	2	0	0	2

Management	Government		Government-aided	
	Number	%	Number	%
	1041	97.38	28	2.62

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
42.05	43.37	40.85	40.43	52.20	42.04	42.62	45.11	36.51	43.86	43.99

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.53
SCI704	Conducts simple investigation to seek answers to queries	29.44
SCI705	Relates processes and phenomenon with causes	41.69
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	49.86
SCI710	Plots and interprets graphs	37.17
SCI711	Constructs models using materials from surroundings and explains their working	30.86
SCI801	Differentiates materials, organism and processes	53.43
SCI804	Relates processes and phenomenon with causes	54.65
SCI805	Explains processes and phenomenon	34.31
SCI807	Measures angles of incidence and reflection, etc.	40.60
SCI811	Applies learning of scientific concepts in day-to-day life	40.61
SCI813	Makes efforts to protect environment	57.53

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
318	29.75	387	36.20	300	28.06	64	5.99

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (29.44)

2 - Constructs models using materials from surroundings and explains their working (30.86)

3 - Explains processes and phenomenon (34.31)

4 - Classifies materials and organisms based on properties/characteristics (36.53)

5 - Plots and interprets graphs (37.17)

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