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

District Report Card: 2017	
State: Tripura	**District:** Sepahijala
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1039

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	471	45.33	568	54.67

AREA	Rural		Urban	
	Number	%	Number	%
	946	91.05	93	8.95

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	173	16.65	240	23.10	198	19.06	428	41.19

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	1	0	2	0	28

Management	Government		Government-aided	
	Number	%	Number	%
	1039	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
39.74	40.37	39.23	39.87	38.49	39.74	0.00	41.85	33.36	41.52	41.65

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.74
SCI704	Conducts simple investigation to seek answers to queries	22.52
SCI705	Relates processes and phenomenon with causes	40.67
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	42.83
SCI710	Plots and interprets graphs	31.30
SCI711	Constructs models using materials from surroundings and explains their working	28.82
SCI801	Differentiates materials, organism and processes	52.47
SCI804	Relates processes and phenomenon with causes	49.43
SCI805	Explains processes and phenomenon	33.14
SCI807	Measures angles of incidence and reflection, etc.	37.25
SCI811	Applies learning of scientific concepts in day-to-day life	40.71
SCI813	Makes efforts to protect environment	57.84

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
328	31.57	441	42.44	223	21.46	47	4.52

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (22.52)

2 - Constructs models using materials from surroundings and explains their working (28.82)

3 - Plots and interprets graphs (31.30)

4 - Explains processes and phenomenon (33.14)

5 - Classifies materials and organisms based on properties/characteristics (34.74)

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

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