



**District Report Card: 2017**


<b>State:</b> Tripura	<b>District:</b> Gomati
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 49	<b>Students:</b> 953


**Participation/Coverage**


**Students**

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	407	42.71	546	57.29

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	815	85.52	138	14.48

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	168	17.63	418	43.86	152	15.95	215	22.56

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	0	2	0	1	0	1

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	930	97.59	23	2.41

**Average Performance of Students in Science (%)**

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
41.32	41.77	40.98	40.92	43.62	40.74	64.64	45.48	36.30	43.33	46.39

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.55
SCI704	Conducts simple investigation to seek answers to queries	27.01
SCI705	Relates processes and phenomenon with causes	41.10
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	47.64
SCI710	Plots and interprets graphs	32.77
SCI711	Constructs models using materials from surroundings and explains their working	38.48
SCI801	Differentiates materials, organism and processes	50.87
SCI804	Relates processes and phenomenon with causes	51.80
SCI805	Explains processes and phenomenon	31.54
SCI807	Measures angles of incidence and reflection, etc.	45.44
SCI811	Applies learning of scientific concepts in day-to-day life	41.12
SCI813	Makes efforts to protect environment	57.92

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
287	30.12	369	38.72	235	24.66	62	6.51

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.01)
- 2 - Explains processes and phenomenon (31.54)
- 3 - Plots and interprets graphs (32.77)
- 4 - Classifies materials and organisms based on properties/characteristics (35.55)
- 5 - Constructs models using materials from surroundings and explains their working (38.48)