



District Report Card: 2017


State: Tripura	District: West Tripura
Class: 8	Subject: Science
Schools: 51	Students: 1039


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	507		48.80		532		51.20	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	517		49.76		522		50.24	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	309	29.74	193	18.58	264	25.41	273	26.28

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	0	0	1	0	17

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	977		94.03	62		5.97

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
39.13	40.37	37.94	35.91	42.31	39.20	37.96	38.40	34.02	38.94	43.74

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.99
SCI704	Conducts simple investigation to seek answers to queries	28.86
SCI705	Relates processes and phenomenon with causes	42.35
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	38.79
SCI710	Plots and interprets graphs	36.11
SCI711	Constructs models using materials from surroundings and explains their working	17.96
SCI801	Differentiates materials, organism and processes	50.02
SCI804	Relates processes and phenomenon with causes	50.85
SCI805	Explains processes and phenomenon	28.99
SCI807	Measures angles of incidence and reflection, etc.	38.21
SCI811	Applies learning of scientific concepts in day-to-day life	38.65
SCI813	Makes efforts to protect environment	59.29

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
362	34.84	419	40.33	214	20.60	44	4.23

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (17.96)
- 2 - Conducts simple investigation to seek answers to queries (28.86)
- 3 - Explains processes and phenomenon (28.99)
- 4 - Classifies materials and organisms based on properties/characteristics (33.99)
- 5 - Plots and interprets graphs (36.11)