



District Report Card: 2017


State: West Bengal	District: South Twenty Four Pargan
Class: 8	Subject: Science
Schools: 50	Students: 1212


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	511	42.16	701	57.84

AREA 	Rural		Urban	
	Number	%	Number	%
	1051	86.72	161	13.28

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	451	37.21	13	1.07	190	15.68	558	46.04

CWSN 	LD	VI	HI	S&LD	ID	Oth
	5	4	0	0	0	1

Management 	Government		Government-aided	
	Number	%	Number	%
	333	27.48	879	72.52

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
47.48	47.55	47.43	47.97	44.27	42.14	49.50	50.41	42.56	43.05	46.74

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.90
SCI704	Conducts simple investigation to seek answers to queries	24.63
SCI705	Relates processes and phenomenon with causes	46.74
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	55.36
SCI710	Plots and interprets graphs	41.37
SCI711	Constructs models using materials from surroundings and explains their working	42.04
SCI801	Differentiates materials, organism and processes	64.71
SCI804	Relates processes and phenomenon with causes	51.59
SCI805	Explains processes and phenomenon	42.20
SCI807	Measures angles of incidence and reflection, etc.	48.68
SCI811	Applies learning of scientific concepts in day-to-day life	44.36
SCI813	Makes efforts to protect environment	66.09

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
302	24.92	397	32.76	359	29.62	154	12.71

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (24.63)
- 2 - Plots and interprets graphs (41.37)
- 3 - Constructs models using materials from surroundings and explains their working (42.04)
- 4 - Explains processes and phenomenon (42.20)
- 5 - Classifies materials and organisms based on properties/characteristics (42.90)