



District Report Card: 2017


State: West Bengal	District: Siliguri
Class: 8	Subject: Science
Schools: 49	Students: 1028


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys			Girls			
	Number		%	Number		%	
	397		38.62	631		61.38	

<div>AREA</div> <div></div>	Rural			Urban			
	Number		%	Number		%	
	627		60.99	401		39.01	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	476	46.30	167	16.25	143	13.91	242	23.54

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	1	4	0	2	23

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	553		53.79	475		46.21

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
38.51	43.91	35.12	35.56	43.14	35.26	42.30	38.07	31.38	37.86	44.71

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.83
SCI704	Conducts simple investigation to seek answers to queries	22.62
SCI705	Relates processes and phenomenon with causes	41.41
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	39.30
SCI710	Plots and interprets graphs	41.96
SCI711	Constructs models using materials from surroundings and explains their working	29.33
SCI801	Differentiates materials, organism and processes	51.39
SCI804	Relates processes and phenomenon with causes	41.75
SCI805	Explains processes and phenomenon	33.67
SCI807	Measures angles of incidence and reflection, etc.	36.96
SCI811	Applies learning of scientific concepts in day-to-day life	34.44
SCI813	Makes efforts to protect environment	58.37

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
396	38.52	374	36.38	186	18.09	72	7.00

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (22.62)
- 2 - Constructs models using materials from surroundings and explains their working (29.33)
- 3 - Explains processes and phenomenon (33.67)
- 4 - Applies learning of scientific concepts in day-to-day life (34.44)
- 5 - Classifies materials and organisms based on properties/characteristics (34.83)