



District Report Card: 2017


State: West Bengal	District: Paschim Medinipur
Class: 8	Subject: Science
Schools: 51	Students: 846


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	407	48.11	439	51.89

AREA 	Rural		Urban	
	Number	%	Number	%
	785	92.79	61	7.21

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	201	23.76	89	10.52	137	16.19	419	49.53

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	2	0	0	0	9

Management 	Government		Government-aided	
	Number	%	Number	%
	324	38.30	522	61.70

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
46.68	46.96	46.42	47.89	31.15	46.13	47.02	49.19	39.93	43.45	47.97

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.22
SCI704	Conducts simple investigation to seek answers to queries	22.83
SCI705	Relates processes and phenomenon with causes	49.61
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	55.32
SCI710	Plots and interprets graphs	43.36
SCI711	Constructs models using materials from surroundings and explains their working	38.63
SCI801	Differentiates materials, organism and processes	65.74
SCI804	Relates processes and phenomenon with causes	45.50
SCI805	Explains processes and phenomenon	34.88
SCI807	Measures angles of incidence and reflection, etc.	52.96
SCI811	Applies learning of scientific concepts in day-to-day life	41.74
SCI813	Makes efforts to protect environment	66.67

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
207	24.47	285	33.69	271	32.03	83	9.81

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (22.83)
- 2 - Explains processes and phenomenon (34.88)
- 3 - Constructs models using materials from surroundings and explains their working (38.63)
- 4 - Applies learning of scientific concepts in day-to-day life (41.74)
- 5 - Classifies materials and organisms based on properties/characteristics (43.22)