



District Report Card: 2017


State: West Bengal	District: Nadia
Class: 8	Subject: Science
Schools: 51	Students: 1338


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	665	49.70	673	50.30

 AREA	Rural		Urban	
	Number	%	Number	%
	1160	86.70	178	13.30

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	455	34.01	43	3.21	372	27.80	468	34.98

 CWSN	LD	VI	HI	S&LD	ID	Oth
	1	2	1	6	0	2

 Management	Government		Government-aided	
	Number	%	Number	%
	592	44.25	746	55.75

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
41.15	42.23	40.09	40.39	46.14	42.92	39.75	40.03	33.02	43.24	41.32

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.68
SCI704	Conducts simple investigation to seek answers to queries	23.54
SCI705	Relates processes and phenomenon with causes	44.94
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	45.07
SCI710	Plots and interprets graphs	39.20
SCI711	Constructs models using materials from surroundings and explains their working	25.93
SCI801	Differentiates materials, organism and processes	58.58
SCI804	Relates processes and phenomenon with causes	41.13
SCI805	Explains processes and phenomenon	29.68
SCI807	Measures angles of incidence and reflection, etc.	39.46
SCI811	Applies learning of scientific concepts in day-to-day life	38.69
SCI813	Makes efforts to protect environment	60.39

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
414	30.94	514	38.42	344	25.71	66	4.93

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (23.54)
- 2 - Constructs models using materials from surroundings and explains their working (25.93)
- 3 - Explains processes and phenomenon (29.68)
- 4 - Classifies materials and organisms based on properties/characteristics (38.68)
- 5 - Applies learning of scientific concepts in day-to-day life (38.69)