



District Report Card: 2017


State: West Bengal	District: North Twenty Four Pargana
Class: 8	Subject: Science
Schools: 50	Students: 1097


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	466	42.48	631	57.52

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	722	65.82	375	34.18

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	266	24.25	49	4.47	226	20.60	556	50.68

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	484	44.12	613	55.88

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
38.43	41.14	36.42	37.66	39.89	37.85	38.88	39.32	37.55	36.61	38.81

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.52
SCI704	Conducts simple investigation to seek answers to queries	19.16
SCI705	Relates processes and phenomenon with causes	43.67
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	41.11
SCI710	Plots and interprets graphs	32.55
SCI711	Constructs models using materials from surroundings and explains their working	28.18
SCI801	Differentiates materials, organism and processes	53.25
SCI804	Relates processes and phenomenon with causes	40.91
SCI805	Explains processes and phenomenon	28.65
SCI807	Measures angles of incidence and reflection, etc.	37.19
SCI811	Applies learning of scientific concepts in day-to-day life	35.94
SCI813	Makes efforts to protect environment	60.35

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
405	36.92	413	37.65	235	21.42	44	4.01

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (19.16)
- 2 - Constructs models using materials from surroundings and explains their working (28.18)
- 3 - Explains processes and phenomenon (28.65)
- 4 - Plots and interprets graphs (32.55)
- 5 - Classifies materials and organisms based on properties/characteristics (35.52)