



District Report Card: 2017


State: Odisha	District: Bargarh
Class: 8	Subject: Science
Schools: 50	Students: 1230


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	594		48.29		636		51.71	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1107		90.00		123		10.00	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	287	23.33	313	25.45	588	47.80	42	3.41

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	7	6	2	2	2	1

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1161		94.39	69		5.61

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.03	41.26	38.89	39.48	45.04	39.01	57.29	38.65	36.76	42.68	36.83

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.34
SCI704	Conducts simple investigation to seek answers to queries	30.36
SCI705	Relates processes and phenomenon with causes	41.18
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	40.73
SCI710	Plots and interprets graphs	29.74
SCI711	Constructs models using materials from surroundings and explains their working	27.12
SCI801	Differentiates materials, organism and processes	48.17
SCI804	Relates processes and phenomenon with causes	47.55
SCI805	Explains processes and phenomenon	33.33
SCI807	Measures angles of incidence and reflection, etc.	33.33
SCI811	Applies learning of scientific concepts in day-to-day life	39.49
SCI813	Makes efforts to protect environment	61.38

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
440	35.77	434	35.28	266	21.63	90	7.32

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (27.12)
- 2 - Plots and interprets graphs (29.74)
- 3 - Conducts simple investigation to seek answers to queries (30.36)
- 4 - Measures angles of incidence and reflection, etc. (33.33)
- 5 - Explains processes and phenomenon (33.33)