



District Report Card: 2017


State: Odisha	District: Balasore
Class: 8	Subject: Science
Schools: 47	Students: 1302


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	653	50.15	649	49.85

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1184	90.94	118	9.06

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	313	24.04	264	20.28	511	39.25	214	16.44

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	2	2	0	0	5

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	958	73.58	344	26.42

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
49.52	49.84	49.19	50.91	35.59	46.89	56.84	52.91	46.59	52.45	41.18

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	49.05
SCI704	Conducts simple investigation to seek answers to queries	42.10
SCI705	Relates processes and phenomenon with causes	43.58
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	50.84
SCI710	Plots and interprets graphs	44.53
SCI711	Constructs models using materials from surroundings and explains their working	42.99
SCI801	Differentiates materials, organism and processes	51.15
SCI804	Relates processes and phenomenon with causes	58.24
SCI805	Explains processes and phenomenon	42.66
SCI807	Measures angles of incidence and reflection, etc.	53.15
SCI811	Applies learning of scientific concepts in day-to-day life	51.58
SCI813	Makes efforts to protect environment	68.59

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
336	25.81	355	27.27	337	25.88	274	21.04

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (42.10)
- 2 - Explains processes and phenomenon (42.66)
- 3 - Constructs models using materials from surroundings and explains their working (42.99)
- 4 - Relates processes and phenomenon with causes (43.58)
- 5 - Plots and interprets graphs (44.53)