



### District Report Card: 2017


<b>State:</b> Odisha	<b>District:</b> Boudh
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 44	<b>Students:</b> 914


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys			Girls		
	Number		%	Number		%
	415		45.40	499		54.60

<div>AREA</div> <div></div>	Rural			Urban		
	Number		%	Number		%
	914		100.00	0		0.00

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	220	24.07	182	19.91	489	53.50	23	2.52

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	3	0	0	0	1

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	914		100.00	0		0.00

### Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
44.40	43.69	44.98	44.40	0.00	44.40	0.00	42.00	48.10	44.08	44.93

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	45.34
SCI704	Conducts simple investigation to seek answers to queries	35.62
SCI705	Relates processes and phenomenon with causes	43.94
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	51.42
SCI710	Plots and interprets graphs	33.84
SCI711	Constructs models using materials from surroundings and explains their working	36.24
SCI801	Differentiates materials, organism and processes	47.81
SCI804	Relates processes and phenomenon with causes	58.30
SCI805	Explains processes and phenomenon	37.59
SCI807	Measures angles of incidence and reflection, etc.	39.06
SCI811	Applies learning of scientific concepts in day-to-day life	41.02
SCI813	Makes efforts to protect environment	69.37

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
248	27.13	336	36.76	238	26.04	92	10.07

### Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (33.84)
- 2 - Conducts simple investigation to seek answers to queries (35.62)
- 3 - Constructs models using materials from surroundings and explains their working (36.24)
- 4 - Explains processes and phenomenon (37.59)
- 5 - Measures angles of incidence and reflection, etc. (39.06)