



### District Report Card: 2017


<b>State:</b> Odisha	<b>District:</b> Kandhamal
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 50	<b>Students:</b> 980


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	477	48.67	503	51.33

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	951	97.04	29	2.96

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	119	12.14	493	50.31	243	24.80	125	12.76

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	0	15	3	1	2	4

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	980	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
35.71	35.29	36.12	36.01	25.98	35.71	0.00	34.45	35.08	37.75	35.47

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.74
SCI704	Conducts simple investigation to seek answers to queries	30.08
SCI705	Relates processes and phenomenon with causes	35.98
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	34.80
SCI710	Plots and interprets graphs	25.41
SCI711	Constructs models using materials from surroundings and explains their working	27.07
SCI801	Differentiates materials, organism and processes	39.84
SCI804	Relates processes and phenomenon with causes	41.12
SCI805	Explains processes and phenomenon	33.06
SCI807	Measures angles of incidence and reflection, etc.	31.73
SCI811	Applies learning of scientific concepts in day-to-day life	35.66
SCI813	Makes efforts to protect environment	54.29

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
403	41.12	368	37.55	172	17.55	37	3.78

### Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (25.41)
- 2 - Constructs models using materials from surroundings and explains their working (27.07)
- 3 - Conducts simple investigation to seek answers to queries (30.08)
- 4 - Measures angles of incidence and reflection, etc. (31.73)
- 5 - Explains processes and phenomenon (33.06)