



### District Report Card: 2017


<b>State:</b> Odisha	<b>District:</b> Kendrapara
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1281


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	569	44.42	712	55.58

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1169	91.26	112	8.74

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	424	33.10	1	0.08	599	46.76	257	20.06

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	5	2	3	2	8	3

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	1116	87.12	165	12.88

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
34.17	34.07	34.24	34.78	27.74	33.73	37.13	29.97	40.00	37.12	34.19

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.18
SCI704	Conducts simple investigation to seek answers to queries	25.72
SCI705	Relates processes and phenomenon with causes	34.85
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	36.69
SCI710	Plots and interprets graphs	28.53
SCI711	Constructs models using materials from surroundings and explains their working	20.62
SCI801	Differentiates materials, organism and processes	37.92
SCI804	Relates processes and phenomenon with causes	41.24
SCI805	Explains processes and phenomenon	29.00
SCI807	Measures angles of incidence and reflection, etc.	29.66
SCI811	Applies learning of scientific concepts in day-to-day life	33.15
SCI813	Makes efforts to protect environment	58.08

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
586	45.75	399	31.15	242	18.89	54	4.22

### Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (20.62)
- 2 - Conducts simple investigation to seek answers to queries (25.72)
- 3 - Plots and interprets graphs (28.53)
- 4 - Explains processes and phenomenon (29.00)
- 5 - Measures angles of incidence and reflection, etc. (29.66)