



### District Report Card: 2017


<b>State:</b> Odisha	<b>District:</b> Ganjam
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 50	<b>Students:</b> 1303


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	668		51.27		635		48.73	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1146		87.95		157		12.05	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	280	21.49	8	0.61	940	72.14	75	5.76

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	9	0	2	5	3

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1274		97.77	29		2.23

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
50.55	49.19	51.98	49.84	55.75	50.92	34.48	45.64	56.67	51.33	58.40

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	50.26
SCI704	Conducts simple investigation to seek answers to queries	41.56
SCI705	Relates processes and phenomenon with causes	45.89
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	54.57
SCI710	Plots and interprets graphs	44.50
SCI711	Constructs models using materials from surroundings and explains their working	42.17
SCI801	Differentiates materials, organism and processes	54.03
SCI804	Relates processes and phenomenon with causes	53.02
SCI805	Explains processes and phenomenon	49.26
SCI807	Measures angles of incidence and reflection, etc.	47.58
SCI811	Applies learning of scientific concepts in day-to-day life	51.30
SCI813	Makes efforts to protect environment	69.53

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
313	24.02	343	26.32	396	30.39	251	19.26

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (41.56)
- 2 - Constructs models using materials from surroundings and explains their working (42.17)
- 3 - Plots and interprets graphs (44.50)
- 4 - Relates processes and phenomenon with causes (45.89)
- 5 - Measures angles of incidence and reflection, etc. (47.58)