



District Report Card: 2017


State: Odisha	District: Koraput
Class: 8	Subject: Science
Schools: 50	Students: 1254


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	650		51.83		604		48.17	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1087		86.68		167		13.32	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	248	19.78	778	62.04	161	12.84	67	5.34

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	4	0	1	0	0

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1211		96.57	43		3.43

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
33.17	35.52	30.64	33.69	29.78	33.28	30.08	31.37	32.65	38.67	32.64

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.39
SCI704	Conducts simple investigation to seek answers to queries	29.91
SCI705	Relates processes and phenomenon with causes	32.80
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	37.16
SCI710	Plots and interprets graphs	27.99
SCI711	Constructs models using materials from surroundings and explains their working	24.84
SCI801	Differentiates materials, organism and processes	36.42
SCI804	Relates processes and phenomenon with causes	42.30
SCI805	Explains processes and phenomenon	28.04
SCI807	Measures angles of incidence and reflection, etc.	29.67
SCI811	Applies learning of scientific concepts in day-to-day life	30.15
SCI813	Makes efforts to protect environment	48.56

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
606	48.33	458	36.52	148	11.80	42	3.35

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (24.84)
- 2 - Plots and interprets graphs (27.99)
- 3 - Explains processes and phenomenon (28.04)
- 4 - Measures angles of incidence and reflection, etc. (29.67)
- 5 - Conducts simple investigation to seek answers to queries (29.91)