



District Report Card: 2017


State: Odisha	District: Kalahandi
Class: 8	Subject: Science
Schools: 49	Students: 1158


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	587	50.69	571	49.31

AREA 	Rural		Urban	
	Number	%	Number	%
	1158	100.00	0	0.00

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	262	22.63	385	33.25	499	43.09	12	1.04

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	3	0	0	0	1

Management 	Government		Government-aided	
	Number	%	Number	%
	1147	99.05	11	0.95

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.35	37.26	37.44	37.35	0.00	37.12	61.21	37.40	35.27	38.86	40.00

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.02
SCI704	Conducts simple investigation to seek answers to queries	28.12
SCI705	Relates processes and phenomenon with causes	36.25
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	45.77
SCI710	Plots and interprets graphs	25.79
SCI711	Constructs models using materials from surroundings and explains their working	30.35
SCI801	Differentiates materials, organism and processes	40.25
SCI804	Relates processes and phenomenon with causes	40.00
SCI805	Explains processes and phenomenon	33.91
SCI807	Measures angles of incidence and reflection, etc.	38.17
SCI811	Applies learning of scientific concepts in day-to-day life	37.54
SCI813	Makes efforts to protect environment	49.48

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
494	42.66	352	30.40	243	20.98	69	5.96

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (25.79)
- 2 - Conducts simple investigation to seek answers to queries (28.12)
- 3 - Constructs models using materials from surroundings and explains their working (30.35)
- 4 - Explains processes and phenomenon (33.91)
- 5 - Relates processes and phenomenon with causes (36.25)