



District Report Card: 2017


State: Odisha	District: Nuapada
Class: 8	Subject: Science
Schools: 48	Students: 1119


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	531	47.45	588	52.55

AREA 	Rural		Urban	
	Number	%	Number	%
	1051	93.92	68	6.08

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	189	16.89	370	33.07	541	48.35	19	1.70

CWSN 	LD	VI	HI	S&LD	ID	Oth
	4	11	1	4	3	5

Management 	Government		Government-aided	
	Number	%	Number	%
	1089	97.32	30	2.68

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
44.55	45.35	43.83	45.58	28.63	44.11	60.44	44.44	44.99	44.15	48.42

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.17
SCI704	Conducts simple investigation to seek answers to queries	38.81
SCI705	Relates processes and phenomenon with causes	45.07
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	57.28
SCI710	Plots and interprets graphs	30.37
SCI711	Constructs models using materials from surroundings and explains their working	40.32
SCI801	Differentiates materials, organism and processes	46.82
SCI804	Relates processes and phenomenon with causes	54.35
SCI805	Explains processes and phenomenon	41.07
SCI807	Measures angles of incidence and reflection, etc.	43.43
SCI811	Applies learning of scientific concepts in day-to-day life	38.79
SCI813	Makes efforts to protect environment	60.68

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
307	27.44	375	33.51	338	30.21	99	8.85

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (30.37)
- 2 - Applies learning of scientific concepts in day-to-day life (38.79)
- 3 - Conducts simple investigation to seek answers to queries (38.81)
- 4 - Constructs models using materials from surroundings and explains their working (40.32)
- 5 - Explains processes and phenomenon (41.07)