



District Report Card: 2017


State: Odisha	District: Deogarh
Class: 8	Subject: Science
Schools: 47	Students: 1107


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	578	52.21	529	47.79

AREA 	Rural		Urban	
	Number	%	Number	%
	1063	96.03	44	3.97

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	216	19.51	335	30.26	518	46.79	38	3.43

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	0	5	0	0	2

Management 	Government		Government-aided	
	Number	%	Number	%
	1061	95.84	46	4.16

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.91	41.65	40.10	40.15	59.24	41.80	20.43	38.24	39.14	42.75	46.49

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.34
SCI704	Conducts simple investigation to seek answers to queries	29.78
SCI705	Relates processes and phenomenon with causes	36.70
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	45.62
SCI710	Plots and interprets graphs	33.51
SCI711	Constructs models using materials from surroundings and explains their working	32.07
SCI801	Differentiates materials, organism and processes	49.07
SCI804	Relates processes and phenomenon with causes	44.93
SCI805	Explains processes and phenomenon	33.81
SCI807	Measures angles of incidence and reflection, etc.	40.20
SCI811	Applies learning of scientific concepts in day-to-day life	39.18
SCI813	Makes efforts to protect environment	68.56

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
372	33.60	386	34.87	279	25.20	70	6.32

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (29.78)
- 2 - Constructs models using materials from surroundings and explains their working (32.07)
- 3 - Plots and interprets graphs (33.51)
- 4 - Explains processes and phenomenon (33.81)
- 5 - Relates processes and phenomenon with causes (36.70)