



District Report Card: 2017


State: Odisha	District: Dhenkanal
Class: 8	Subject: Science
Schools: 48	Students: 1361


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	652	47.91	709	52.09

AREA 	Rural		Urban	
	Number	%	Number	%
	1245	91.48	116	8.52

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	271	19.91	264	19.40	642	47.17	184	13.52

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	6	0	1	5	3

Management 	Government		Government-aided	
	Number	%	Number	%
	1017	74.72	344	25.28

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.81	42.21	39.52	41.01	38.62	41.27	39.44	34.66	38.28	43.98	42.43

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.05
SCI704	Conducts simple investigation to seek answers to queries	30.85
SCI705	Relates processes and phenomenon with causes	37.22
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	47.10
SCI710	Plots and interprets graphs	30.31
SCI711	Constructs models using materials from surroundings and explains their working	27.82
SCI801	Differentiates materials, organism and processes	46.57
SCI804	Relates processes and phenomenon with causes	47.29
SCI805	Explains processes and phenomenon	32.86
SCI807	Measures angles of incidence and reflection, etc.	38.94
SCI811	Applies learning of scientific concepts in day-to-day life	40.77
SCI813	Makes efforts to protect environment	65.32

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
486	35.71	400	29.39	345	25.35	130	9.55

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (27.82)
- 2 - Plots and interprets graphs (30.31)
- 3 - Conducts simple investigation to seek answers to queries (30.85)
- 4 - Explains processes and phenomenon (32.86)
- 5 - Relates processes and phenomenon with causes (37.22)