



District Report Card: 2017


State: Odisha	District: Mayurbhanj
Class: 8	Subject: Science
Schools: 51	Students: 1437


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	645	44.89	792	55.11

AREA 	Rural		Urban	
	Number	%	Number	%
	1322	92.00	115	8.00

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	90	6.26	1033	71.89	265	18.44	49	3.41

CWSN 	LD	VI	HI	S&LD	ID	Oth
	4	2	1	1	2	1

Management 	Government		Government-aided	
	Number	%	Number	%
	1009	70.22	428	29.78

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
33.13	30.59	35.20	33.43	29.74	31.11	37.91	27.63	32.17	37.96	37.55

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	30.09
SCI704	Conducts simple investigation to seek answers to queries	26.74
SCI705	Relates processes and phenomenon with causes	31.99
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	33.05
SCI710	Plots and interprets graphs	22.64
SCI711	Constructs models using materials from surroundings and explains their working	21.39
SCI801	Differentiates materials, organism and processes	37.92
SCI804	Relates processes and phenomenon with causes	39.44
SCI805	Explains processes and phenomenon	29.67
SCI807	Measures angles of incidence and reflection, etc.	27.28
SCI811	Applies learning of scientific concepts in day-to-day life	36.34
SCI813	Makes efforts to protect environment	50.52

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
656	45.65	490	34.10	225	15.66	66	4.59

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (21.39)
- 2 - Plots and interprets graphs (22.64)
- 3 - Conducts simple investigation to seek answers to queries (26.74)
- 4 - Measures angles of incidence and reflection, etc. (27.28)
- 5 - Explains processes and phenomenon (29.67)