



District Report Card: 2017


State: Odisha	District: Rayagada
Class: 8	Subject: Science
Schools: 50	Students: 1353


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	589	43.53	764	56.47

AREA 	Rural		Urban	
	Number	%	Number	%
	1205	89.06	148	10.94

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	320	23.65	810	59.87	198	14.63	25	1.85

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

Management 	Government		Government-aided	
	Number	%	Number	%
	1277	94.38	76	5.62

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
30.24	27.44	32.40	30.83	25.45	30.81	20.61	28.42	30.99	30.47	27.47

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	29.98
SCI704	Conducts simple investigation to seek answers to queries	24.23
SCI705	Relates processes and phenomenon with causes	31.03
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	32.37
SCI710	Plots and interprets graphs	23.41
SCI711	Constructs models using materials from surroundings and explains their working	27.02
SCI801	Differentiates materials, organism and processes	33.83
SCI804	Relates processes and phenomenon with causes	36.27
SCI805	Explains processes and phenomenon	28.20
SCI807	Measures angles of incidence and reflection, etc.	26.31
SCI811	Applies learning of scientific concepts in day-to-day life	28.84
SCI813	Makes efforts to protect environment	41.46

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
709	52.40	400	29.56	176	13.01	68	5.03

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (23.41)
- 2 - Conducts simple investigation to seek answers to queries (24.23)
- 3 - Measures angles of incidence and reflection, etc. (26.31)
- 4 - Constructs models using materials from surroundings and explains their working (27.02)
- 5 - Explains processes and phenomenon (28.20)