



District Report Card: 2017


State: Odisha	District: Gajapati
Class: 8	Subject: Science
Schools: 50	Students: 1453


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	752	51.75	701	48.25

AREA 	Rural		Urban	
	Number	%	Number	%
	1306	89.88	147	10.12

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	111	7.64	899	61.87	408	28.08	35	2.41

CWSN 	LD	VI	HI	S&LD	ID	Oth
	5	0	1	0	4	2

Management 	Government		Government-aided	
	Number	%	Number	%
	1183	81.42	270	18.58

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
34.26	34.03	34.50	34.85	28.98	35.24	29.98	29.43	35.02	34.17	31.05

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.79
SCI704	Conducts simple investigation to seek answers to queries	27.06
SCI705	Relates processes and phenomenon with causes	34.75
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	37.44
SCI710	Plots and interprets graphs	26.87
SCI711	Constructs models using materials from surroundings and explains their working	19.53
SCI801	Differentiates materials, organism and processes	37.66
SCI804	Relates processes and phenomenon with causes	39.47
SCI805	Explains processes and phenomenon	32.97
SCI807	Measures angles of incidence and reflection, etc.	32.90
SCI811	Applies learning of scientific concepts in day-to-day life	32.39
SCI813	Makes efforts to protect environment	51.48

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
643	44.25	522	35.93	242	16.66	46	3.17

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (19.53)
- 2 - Plots and interprets graphs (26.87)
- 3 - Conducts simple investigation to seek answers to queries (27.06)
- 4 - Applies learning of scientific concepts in day-to-day life (32.39)
- 5 - Measures angles of incidence and reflection, etc. (32.90)