



District Report Card: 2017


State: Odisha	District: Sambalpur
Class: 8	Subject: Science
Schools: 51	Students: 1294


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	583	45.05	711	54.95

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1031	79.68	263	20.32

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	222	17.16	679	52.47	293	22.64	100	7.73

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	5	1	0	1	4

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1266	97.84	28	2.16

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
32.44	33.95	31.20	31.27	37.01	32.28	39.52	32.82	30.92	34.84	34.87

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	30.31
SCI704	Conducts simple investigation to seek answers to queries	25.17
SCI705	Relates processes and phenomenon with causes	32.96
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	30.37
SCI710	Plots and interprets graphs	20.18
SCI711	Constructs models using materials from surroundings and explains their working	20.03
SCI801	Differentiates materials, organism and processes	39.85
SCI804	Relates processes and phenomenon with causes	38.06
SCI805	Explains processes and phenomenon	30.58
SCI807	Measures angles of incidence and reflection, etc.	29.44
SCI811	Applies learning of scientific concepts in day-to-day life	29.76
SCI813	Makes efforts to protect environment	54.95

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
605	46.75	507	39.18	164	12.67	18	1.39

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (20.03)
- 2 - Plots and interprets graphs (20.18)
- 3 - Conducts simple investigation to seek answers to queries (25.17)
- 4 - Measures angles of incidence and reflection, etc. (29.44)
- 5 - Applies learning of scientific concepts in day-to-day life (29.76)