



District Report Card: 2017


State: Odisha	District: Angul
Class: 8	Subject: Science
Schools: 50	Students: 1235


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	623	50.45	612	49.55

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1235	100.00	0	0.00

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	337	27.29	222	17.98	630	51.01	46	3.72

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	6	7	1	5	3	7

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1176	95.22	59	4.78

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
49.40	48.04	50.80	49.40	0.00	49.41	49.27	46.25	44.05	52.63	54.06

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	50.79
SCI704	Conducts simple investigation to seek answers to queries	40.69
SCI705	Relates processes and phenomenon with causes	44.08
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	62.67
SCI710	Plots and interprets graphs	38.24
SCI711	Constructs models using materials from surroundings and explains their working	43.95
SCI801	Differentiates materials, organism and processes	53.40
SCI804	Relates processes and phenomenon with causes	55.72
SCI805	Explains processes and phenomenon	39.88
SCI807	Measures angles of incidence and reflection, etc.	50.77
SCI811	Applies learning of scientific concepts in day-to-day life	47.23
SCI813	Makes efforts to protect environment	70.77

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
338	27.37	259	20.97	378	30.61	260	21.05

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (38.24)
- 2 - Explains processes and phenomenon (39.88)
- 3 - Conducts simple investigation to seek answers to queries (40.69)
- 4 - Constructs models using materials from surroundings and explains their working (43.95)
- 5 - Relates processes and phenomenon with causes (44.08)