



District Report Card: 2017


State: Jharkhand	District: Dumka
Class: 8	Subject: Science
Schools: 49	Students: 986


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	443	44.93	543	55.07

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	965	97.87	21	2.13

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	60	6.09	302	30.63	606	61.46	18	1.83

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	4	2	7	3	0	21

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	956	96.96	30	3.04

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
50.94	51.12	50.79	50.71	61.59	50.34	70.00	50.67	47.84	52.00	68.15

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	51.22
SCI704	Conducts simple investigation to seek answers to queries	31.12
SCI705	Relates processes and phenomenon with causes	46.57
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	68.86
SCI710	Plots and interprets graphs	49.59
SCI711	Constructs models using materials from surroundings and explains their working	42.56
SCI801	Differentiates materials, organism and processes	56.35
SCI804	Relates processes and phenomenon with causes	56.61
SCI805	Explains processes and phenomenon	40.32
SCI807	Measures angles of incidence and reflection, etc.	57.30
SCI811	Applies learning of scientific concepts in day-to-day life	52.53
SCI813	Makes efforts to protect environment	66.02

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
224	22.72	241	24.44	375	38.03	146	14.81

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (31.12)
- 2 - Explains processes and phenomenon (40.32)
- 3 - Constructs models using materials from surroundings and explains their working (42.56)
- 4 - Relates processes and phenomenon with causes (46.57)
- 5 - Plots and interprets graphs (49.59)