



District Report Card: 2017


State: Chhattisgarh	District: Dhamtari
Class: 8	Subject: Science
Schools: 51	Students: 1290


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	650	50.39	640	49.61

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1188	92.09	102	7.91

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	133	10.31	391	30.31	757	58.68	9	0.70

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	1	0	0	2	3

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1290	100.00	0	0.00

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.43	36.92	35.93	36.42	36.54	36.43	0.00	34.69	35.81	37.08	34.07

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.28
SCI704	Conducts simple investigation to seek answers to queries	30.72
SCI705	Relates processes and phenomenon with causes	36.29
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	30.54
SCI710	Plots and interprets graphs	31.88
SCI711	Constructs models using materials from surroundings and explains their working	26.91
SCI801	Differentiates materials, organism and processes	41.77
SCI804	Relates processes and phenomenon with causes	40.59
SCI805	Explains processes and phenomenon	36.65
SCI807	Measures angles of incidence and reflection, etc.	32.79
SCI811	Applies learning of scientific concepts in day-to-day life	36.21
SCI813	Makes efforts to protect environment	50.93

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
504	39.07	523	40.54	232	17.98	31	2.40

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (26.91)
- 2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (30.54)
- 3 - Conducts simple investigation to seek answers to queries (30.72)
- 4 - Plots and interprets graphs (31.88)
- 5 - Measures angles of incidence and reflection, etc. (32.79)