



District Report Card: 2017


State: Chhattisgarh	District: Durg
Class: 8	Subject: Science
Schools: 51	Students: 1461


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys			Girls		
	Number		%	Number		%
	680		46.54	781		53.46

<div>AREA</div> <div></div>	Rural			Urban		
	Number		%	Number		%
	989		67.69	472		32.31

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	295	20.19	88	6.02	1020	69.82	58	3.97

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	4	1	2	0	3	3

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1432		98.02	29		1.98

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
41.27	40.18	42.23	40.84	42.19	41.32	38.85	40.23	42.27	41.78	36.09

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.90
SCI704	Conducts simple investigation to seek answers to queries	35.31
SCI705	Relates processes and phenomenon with causes	41.05
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	37.71
SCI710	Plots and interprets graphs	34.94
SCI711	Constructs models using materials from surroundings and explains their working	30.95
SCI801	Differentiates materials, organism and processes	44.49
SCI804	Relates processes and phenomenon with causes	48.83
SCI805	Explains processes and phenomenon	35.35
SCI807	Measures angles of incidence and reflection, etc.	42.51
SCI811	Applies learning of scientific concepts in day-to-day life	42.15
SCI813	Makes efforts to protect environment	59.75

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
471	32.24	556	38.06	318	21.77	116	7.94

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (30.95)
- 2 - Plots and interprets graphs (34.94)
- 3 - Conducts simple investigation to seek answers to queries (35.31)
- 4 - Explains processes and phenomenon (35.35)
- 5 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (37.71)