



District Report Card: 2017


State: Chhattisgarh	District: Bilaspur (chhattisgarh)
Class: 8	Subject: Science
Schools: 51	Students: 1432


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	645	45.04	787	54.96

AREA 	Rural		Urban	
	Number	%	Number	%
	1258	87.85	174	12.15

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	369	25.77	297	20.74	730	50.98	36	2.51

CWSN 	LD	VI	HI	S&LD	ID	Oth
	5	2	2	1	0	1

Management 	Government		Government-aided	
	Number	%	Number	%
	1402	97.91	30	2.09

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
39.19	36.13	41.70	39.37	37.93	39.24	37.11	36.98	37.55	41.10	36.85

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.34
SCI704	Conducts simple investigation to seek answers to queries	30.80
SCI705	Relates processes and phenomenon with causes	40.08
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	38.76
SCI710	Plots and interprets graphs	34.95
SCI711	Constructs models using materials from surroundings and explains their working	35.23
SCI801	Differentiates materials, organism and processes	43.88
SCI804	Relates processes and phenomenon with causes	45.91
SCI805	Explains processes and phenomenon	34.62
SCI807	Measures angles of incidence and reflection, etc.	38.27
SCI811	Applies learning of scientific concepts in day-to-day life	40.48
SCI813	Makes efforts to protect environment	49.58

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
587	40.99	419	29.26	248	17.32	178	12.43

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (30.80)
- 2 - Explains processes and phenomenon (34.62)
- 3 - Plots and interprets graphs (34.95)
- 4 - Constructs models using materials from surroundings and explains their working (35.23)
- 5 - Classifies materials and organisms based on properties/characteristics (37.34)