



District Report Card: 2017


State: Chhattisgarh	District: Balrampur
Class: 8	Subject: Science
Schools: 45	Students: 1171


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	541	46.20	630	53.80

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1114	95.13	57	4.87

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	88	7.51	733	62.60	285	24.34	65	5.55

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	0	0	0	0	26

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1111	94.88	60	5.12

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
55.41	56.00	54.90	55.67	50.18	56.25	39.78	48.03	53.42	61.64	60.51

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	57.59
SCI704	Conducts simple investigation to seek answers to queries	42.82
SCI705	Relates processes and phenomenon with causes	48.55
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	68.92
SCI710	Plots and interprets graphs	50.09
SCI711	Constructs models using materials from surroundings and explains their working	54.04
SCI801	Differentiates materials, organism and processes	56.71
SCI804	Relates processes and phenomenon with causes	60.41
SCI805	Explains processes and phenomenon	47.93
SCI807	Measures angles of incidence and reflection, etc.	69.17
SCI811	Applies learning of scientific concepts in day-to-day life	53.04
SCI813	Makes efforts to protect environment	69.51

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
197	16.82	253	21.61	501	42.78	220	18.79

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (42.82)
- 2 - Explains processes and phenomenon (47.93)
- 3 - Relates processes and phenomenon with causes (48.55)
- 4 - Plots and interprets graphs (50.09)
- 5 - Applies learning of scientific concepts in day-to-day life (53.04)