



District Report Card: 2017


State: Chhattisgarh	District: Bemetara
Class: 8	Subject: Science
Schools: 51	Students: 1398


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	679	48.57	719	51.43

AREA 	Rural		Urban	
	Number	%	Number	%
	1294	92.56	104	7.44

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	273	19.53	77	5.51	1010	72.25	38	2.72

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	4	1	0	2	1

Management 	Government		Government-aided	
	Number	%	Number	%
	1398	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
42.38	43.49	41.34	42.65	38.97	42.38	0.00	39.51	39.31	43.49	39.82

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.19
SCI704	Conducts simple investigation to seek answers to queries	33.48
SCI705	Relates processes and phenomenon with causes	41.41
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	50.29
SCI710	Plots and interprets graphs	31.59
SCI711	Constructs models using materials from surroundings and explains their working	31.45
SCI801	Differentiates materials, organism and processes	44.92
SCI804	Relates processes and phenomenon with causes	50.58
SCI805	Explains processes and phenomenon	36.04
SCI807	Measures angles of incidence and reflection, etc.	43.06
SCI811	Applies learning of scientific concepts in day-to-day life	42.70
SCI813	Makes efforts to protect environment	59.30

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
466	33.33	461	32.98	342	24.46	129	9.23

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (31.45)
- 2 - Plots and interprets graphs (31.59)
- 3 - Conducts simple investigation to seek answers to queries (33.48)
- 4 - Explains processes and phenomenon (36.04)
- 5 - Relates processes and phenomenon with causes (41.41)