



District Report Card: 2017


State: Madhya Pradesh	District: Betul
Class: 8	Subject: Science
Schools: 51	Students: 1186


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	579	48.82	607	51.18

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1016	85.67	170	14.33

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	112	9.44	624	52.61	423	35.67	27	2.28

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	2	1	0	2	30

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1186	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
37.66	38.42	36.94	38.92	30.12	37.66	0.00	35.65	35.98	40.49	40.49

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.40
SCI704	Conducts simple investigation to seek answers to queries	22.00
SCI705	Relates processes and phenomenon with causes	36.84
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	44.18
SCI710	Plots and interprets graphs	25.43
SCI711	Constructs models using materials from surroundings and explains their working	26.62
SCI801	Differentiates materials, organism and processes	46.52
SCI804	Relates processes and phenomenon with causes	35.84
SCI805	Explains processes and phenomenon	34.60
SCI807	Measures angles of incidence and reflection, etc.	39.29
SCI811	Applies learning of scientific concepts in day-to-day life	38.18
SCI813	Makes efforts to protect environment	54.30

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
462	38.95	391	32.97	257	21.67	76	6.41

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (22.00)
- 2 - Plots and interprets graphs (25.43)
- 3 - Constructs models using materials from surroundings and explains their working (26.62)
- 4 - Explains processes and phenomenon (34.60)
- 5 - Relates processes and phenomenon with causes (35.84)