



District Report Card: 2017


State: Madhya Pradesh	District: Mandsaur
Class: 8	Subject: Science
Schools: 51	Students: 1106


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	546	49.37	560	50.63

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1004	90.78	102	9.22

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	271	24.50	51	4.61	689	62.30	95	8.59

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	6	0	1	2	2	2

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1106	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
39.04	40.48	37.63	39.56	33.86	39.04	0.00	36.95	30.59	40.83	36.49

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.60
SCI704	Conducts simple investigation to seek answers to queries	27.17
SCI705	Relates processes and phenomenon with causes	40.70
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	47.11
SCI710	Plots and interprets graphs	25.36
SCI711	Constructs models using materials from surroundings and explains their working	32.01
SCI801	Differentiates materials, organism and processes	43.42
SCI804	Relates processes and phenomenon with causes	45.32
SCI805	Explains processes and phenomenon	34.54
SCI807	Measures angles of incidence and reflection, etc.	32.10
SCI811	Applies learning of scientific concepts in day-to-day life	41.73
SCI813	Makes efforts to protect environment	58.32

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
389	35.17	400	36.17	273	24.68	44	3.98

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (25.36)
- 2 - Conducts simple investigation to seek answers to queries (27.17)
- 3 - Constructs models using materials from surroundings and explains their working (32.01)
- 4 - Measures angles of incidence and reflection, etc. (32.10)
- 5 - Explains processes and phenomenon (34.54)