



District Report Card: 2017


State: Madhya Pradesh	District: Sheopur
Class: 8	Subject: Science
Schools: 51	Students: 1168


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	656	56.16	512	43.84

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1058	90.58	110	9.42

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	189	16.18	355	30.39	575	49.23	49	4.20

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	1	0	2	0	10

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1168	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
37.51	37.87	37.04	38.00	32.79	37.51	0.00	33.97	33.69	40.17	47.48

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.54
SCI704	Conducts simple investigation to seek answers to queries	22.32
SCI705	Relates processes and phenomenon with causes	34.97
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	55.39
SCI710	Plots and interprets graphs	31.41
SCI711	Constructs models using materials from surroundings and explains their working	38.20
SCI801	Differentiates materials, organism and processes	42.41
SCI804	Relates processes and phenomenon with causes	43.63
SCI805	Explains processes and phenomenon	30.11
SCI807	Measures angles of incidence and reflection, etc.	37.24
SCI811	Applies learning of scientific concepts in day-to-day life	35.66
SCI813	Makes efforts to protect environment	53.25

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
482	41.27	350	29.97	262	22.43	74	6.34

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (22.32)
- 2 - Explains processes and phenomenon (30.11)
- 3 - Plots and interprets graphs (31.41)
- 4 - Relates processes and phenomenon with causes (34.97)
- 5 - Applies learning of scientific concepts in day-to-day life (35.66)