



District Report Card: 2017


State: Madhya Pradesh	District: Tikamgarh
Class: 8	Subject: Science
Schools: 51	Students: 1295


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	677		52.28		618		47.72	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1095		84.56		200		15.44	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	380	29.34	38	2.93	790	61.00	87	6.72

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	10	2	0	3	1	26

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1295		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
45.67	46.97	44.25	45.62	45.97	45.67	0.00	45.30	38.95	45.70	49.96

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	46.78
SCI704	Conducts simple investigation to seek answers to queries	27.16
SCI705	Relates processes and phenomenon with causes	43.21
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	63.47
SCI710	Plots and interprets graphs	41.80
SCI711	Constructs models using materials from surroundings and explains their working	41.18
SCI801	Differentiates materials, organism and processes	53.58
SCI804	Relates processes and phenomenon with causes	40.40
SCI805	Explains processes and phenomenon	41.72
SCI807	Measures angles of incidence and reflection, etc.	42.16
SCI811	Applies learning of scientific concepts in day-to-day life	43.55
SCI813	Makes efforts to protect environment	63.47

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
363	28.03	340	26.25	478	36.91	114	8.80

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.16)
- 2 - Relates processes and phenomenon with causes (40.40)
- 3 - Constructs models using materials from surroundings and explains their working (41.18)
- 4 - Explains processes and phenomenon (41.72)
- 5 - Plots and interprets graphs (41.80)