



District Report Card: 2017


State: Madhya Pradesh	District: Datia
Class: 8	Subject: Science
Schools: 51	Students: 1163


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	606		52.11		557		47.89	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1019		87.62		144		12.38	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	397	34.14	16	1.38	647	55.63	103	8.86

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	13	2	3	3	11	3

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1163		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
39.48	39.48	39.47	39.06	42.45	39.48	0.00	39.92	34.17	39.67	37.41

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.71
SCI704	Conducts simple investigation to seek answers to queries	25.81
SCI705	Relates processes and phenomenon with causes	32.90
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	53.91
SCI710	Plots and interprets graphs	27.48
SCI711	Constructs models using materials from surroundings and explains their working	39.48
SCI801	Differentiates materials, organism and processes	44.66
SCI804	Relates processes and phenomenon with causes	38.78
SCI805	Explains processes and phenomenon	35.47
SCI807	Measures angles of incidence and reflection, etc.	36.80
SCI811	Applies learning of scientific concepts in day-to-day life	41.24
SCI813	Makes efforts to protect environment	52.45

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
429	36.89	384	33.02	274	23.56	76	6.53

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (25.81)
- 2 - Plots and interprets graphs (27.48)
- 3 - Relates processes and phenomenon with causes (32.90)
- 4 - Explains processes and phenomenon (35.47)
- 5 - Measures angles of incidence and reflection, etc. (36.80)