



District Report Card: 2017


State: Madhya Pradesh	District: Guna
Class: 8	Subject: Science
Schools: 51	Students: 1130


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	563		49.82		567		50.18	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	948		83.89		182		16.11	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	184	16.28	170	15.04	729	64.51	47	4.16

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

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1130		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
43.24	41.07	45.40	44.21	38.21	43.24	0.00	41.27	45.22	43.38	41.56

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.04
SCI704	Conducts simple investigation to seek answers to queries	31.10
SCI705	Relates processes and phenomenon with causes	39.33
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	50.53
SCI710	Plots and interprets graphs	32.56
SCI711	Constructs models using materials from surroundings and explains their working	38.28
SCI801	Differentiates materials, organism and processes	45.55
SCI804	Relates processes and phenomenon with causes	41.14
SCI805	Explains processes and phenomenon	38.74
SCI807	Measures angles of incidence and reflection, etc.	47.08
SCI811	Applies learning of scientific concepts in day-to-day life	46.43
SCI813	Makes efforts to protect environment	59.47

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
377	33.36	313	27.70	358	31.68	82	7.26

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (31.10)
- 2 - Plots and interprets graphs (32.56)
- 3 - Constructs models using materials from surroundings and explains their working (38.28)
- 4 - Explains processes and phenomenon (38.74)
- 5 - Relates processes and phenomenon with causes (39.33)