



District Report Card: 2017


State: Madhya Pradesh	District: Gwalior
Class: 8	Subject: Science
Schools: 51	Students: 1178


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	523	44.40	655	55.60

AREA 	Rural		Urban	
	Number	%	Number	%
	709	60.19	469	39.81

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	404	34.30	59	5.01	648	55.01	67	5.69

CWSN 	LD	VI	HI	S&LD	ID	Oth
	5	0	1	2	2	13

Management 	Government		Government-aided	
	Number	%	Number	%
	1129	95.84	49	4.16

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.92	38.99	35.27	38.03	35.25	37.21	30.34	37.90	35.59	36.27	38.51

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.20
SCI704	Conducts simple investigation to seek answers to queries	25.25
SCI705	Relates processes and phenomenon with causes	30.89
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	44.99
SCI710	Plots and interprets graphs	34.88
SCI711	Constructs models using materials from surroundings and explains their working	28.35
SCI801	Differentiates materials, organism and processes	41.08
SCI804	Relates processes and phenomenon with causes	36.60
SCI805	Explains processes and phenomenon	35.79
SCI807	Measures angles of incidence and reflection, etc.	38.29
SCI811	Applies learning of scientific concepts in day-to-day life	38.44
SCI813	Makes efforts to protect environment	53.23

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
470	39.90	391	33.19	288	24.45	29	2.46

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (25.25)
- 2 - Constructs models using materials from surroundings and explains their working (28.35)
- 3 - Relates processes and phenomenon with causes (30.89)
- 4 - Classifies materials and organisms based on properties/characteristics (34.20)
- 5 - Plots and interprets graphs (34.88)