



District Report Card: 2017


State: Madhya Pradesh	District: Dhar
Class: 8	Subject: Science
Schools: 51	Students: 1147


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	530	46.21	617	53.79

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1019	88.84	128	11.16

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	111	9.68	823	71.75	155	13.51	58	5.06

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	9	5	5	5	2	1

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1090	95.03	57	4.97

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.27	33.84	38.37	38.00	22.50	36.10	39.53	33.87	36.10	36.95	41.61

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.06
SCI704	Conducts simple investigation to seek answers to queries	23.73
SCI705	Relates processes and phenomenon with causes	37.23
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	41.06
SCI710	Plots and interprets graphs	25.22
SCI711	Constructs models using materials from surroundings and explains their working	25.91
SCI801	Differentiates materials, organism and processes	40.36
SCI804	Relates processes and phenomenon with causes	41.22
SCI805	Explains processes and phenomenon	32.17
SCI807	Measures angles of incidence and reflection, etc.	35.40
SCI811	Applies learning of scientific concepts in day-to-day life	38.39
SCI813	Makes efforts to protect environment	51.00

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
492	42.89	377	32.87	227	19.79	51	4.45

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (23.73)
- 2 - Plots and interprets graphs (25.22)
- 3 - Constructs models using materials from surroundings and explains their working (25.91)
- 4 - Explains processes and phenomenon (32.17)
- 5 - Measures angles of incidence and reflection, etc. (35.40)