



### District Report Card: 2017


<b>State:</b> Madhya Pradesh	<b>District:</b> Damoh
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1187


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	607	51.14	580	48.86

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1082	91.15	105	8.85

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	270	22.75	155	13.06	704	59.31	58	4.89

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	5	9	1	0	2	20

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	1142	96.21	45	3.79

### Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
45.73	46.07	45.38	46.66	36.19	45.85	42.81	43.75	42.24	46.81	51.26

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	50.53
SCI704	Conducts simple investigation to seek answers to queries	29.66
SCI705	Relates processes and phenomenon with causes	40.79
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	55.77
SCI710	Plots and interprets graphs	35.93
SCI711	Constructs models using materials from surroundings and explains their working	35.26
SCI801	Differentiates materials, organism and processes	48.48
SCI804	Relates processes and phenomenon with causes	57.12
SCI805	Explains processes and phenomenon	43.62
SCI807	Measures angles of incidence and reflection, etc.	48.61
SCI811	Applies learning of scientific concepts in day-to-day life	44.41
SCI813	Makes efforts to protect environment	62.34

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
359	30.24	302	25.44	385	32.43	141	11.88

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (29.66)
- 2 - Constructs models using materials from surroundings and explains their working (35.26)
- 3 - Plots and interprets graphs (35.93)
- 4 - Relates processes and phenomenon with causes (40.79)
- 5 - Explains processes and phenomenon (43.62)