



### District Report Card: 2017


<b>State:</b> Madhya Pradesh	<b>District:</b> Bhopal
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1247


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	525		42.10		722		57.90	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	608		48.76		639		51.24	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	365	29.27	103	8.26	631	50.60	148	11.87

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	10	4	4	5	3	54

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1168		93.66	79		6.34

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
48.36	47.11	49.27	49.91	46.89	48.38	48.10	46.58	44.53	49.67	49.86

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	47.80
SCI704	Conducts simple investigation to seek answers to queries	33.69
SCI705	Relates processes and phenomenon with causes	41.14
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	55.81
SCI710	Plots and interprets graphs	41.74
SCI711	Constructs models using materials from surroundings and explains their working	44.39
SCI801	Differentiates materials, organism and processes	53.18
SCI804	Relates processes and phenomenon with causes	53.58
SCI805	Explains processes and phenomenon	45.41
SCI807	Measures angles of incidence and reflection, etc.	48.52
SCI811	Applies learning of scientific concepts in day-to-day life	50.42
SCI813	Makes efforts to protect environment	66.40

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
318	25.50	311	24.94	443	35.53	175	14.03

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (33.69)
- 2 - Relates processes and phenomenon with causes (41.14)
- 3 - Plots and interprets graphs (41.74)
- 4 - Constructs models using materials from surroundings and explains their working (44.39)
- 5 - Explains processes and phenomenon (45.41)