



### District Report Card: 2017


<b>State:</b> Madhya Pradesh	<b>District:</b> Morena
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1200


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	686	57.17	514	42.83

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	957	79.75	243	20.25

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	263	21.92	19	1.58	686	57.17	232	19.33

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	6	1	5	2	1	25

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	1183	98.58	17	1.42

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
41.88	42.51	41.05	40.98	45.46	41.72	53.33	42.71	35.44	42.79	38.79

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.39
SCI704	Conducts simple investigation to seek answers to queries	23.72
SCI705	Relates processes and phenomenon with causes	42.22
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	57.08
SCI710	Plots and interprets graphs	38.17
SCI711	Constructs models using materials from surroundings and explains their working	39.33
SCI801	Differentiates materials, organism and processes	47.38
SCI804	Relates processes and phenomenon with causes	45.17
SCI805	Explains processes and phenomenon	34.22
SCI807	Measures angles of incidence and reflection, etc.	38.58
SCI811	Applies learning of scientific concepts in day-to-day life	42.80
SCI813	Makes efforts to protect environment	61.67

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
383	31.92	369	30.75	363	30.25	85	7.08

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (23.72)
- 2 - Explains processes and phenomenon (34.22)
- 3 - Plots and interprets graphs (38.17)
- 4 - Classifies materials and organisms based on properties/characteristics (38.39)
- 5 - Measures angles of incidence and reflection, etc. (38.58)