



### District Report Card: 2017


<b>State:</b> Madhya Pradesh	<b>District:</b> Hoshangabad
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1166


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	449	38.51	717	61.49

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	899	77.10	267	22.90

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	270	23.16	404	34.65	442	37.91	50	4.29

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	1	0	0	2	0

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1154	98.97	12	1.03

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
47.39	48.00	47.01	47.72	46.29	47.55	32.22	50.59	43.17	48.30	56.27

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.04
SCI704	Conducts simple investigation to seek answers to queries	30.54
SCI705	Relates processes and phenomenon with causes	42.07
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	63.46
SCI710	Plots and interprets graphs	33.10
SCI711	Constructs models using materials from surroundings and explains their working	43.79
SCI801	Differentiates materials, organism and processes	55.63
SCI804	Relates processes and phenomenon with causes	47.24
SCI805	Explains processes and phenomenon	42.24
SCI807	Measures angles of incidence and reflection, etc.	47.86
SCI811	Applies learning of scientific concepts in day-to-day life	49.32
SCI813	Makes efforts to protect environment	67.67

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
297	25.47	329	28.22	411	35.25	129	11.06

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (30.54)
- 2 - Plots and interprets graphs (33.10)
- 3 - Classifies materials and organisms based on properties/characteristics (42.04)
- 4 - Relates processes and phenomenon with causes (42.07)
- 5 - Explains processes and phenomenon (42.24)