



### District Report Card: 2017


<b>State:</b> Madhya Pradesh	<b>District:</b> Harda
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1149


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	601	52.31	548	47.69

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	969	84.33	180	15.67

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	316	27.50	484	42.12	290	25.24	59	5.13

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1149	100.00	0	0.00

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.18	36.30	38.15	37.27	36.70	37.18	0.00	38.59	34.68	38.64	42.94

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.44
SCI704	Conducts simple investigation to seek answers to queries	26.22
SCI705	Relates processes and phenomenon with causes	32.05
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	44.73
SCI710	Plots and interprets graphs	26.63
SCI711	Constructs models using materials from surroundings and explains their working	26.46
SCI801	Differentiates materials, organism and processes	45.57
SCI804	Relates processes and phenomenon with causes	31.44
SCI805	Explains processes and phenomenon	34.50
SCI807	Measures angles of incidence and reflection, etc.	34.29
SCI811	Applies learning of scientific concepts in day-to-day life	38.70
SCI813	Makes efforts to protect environment	53.18

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
438	38.12	410	35.68	277	24.11	24	2.09

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (26.22)
- 2 - Constructs models using materials from surroundings and explains their working (26.46)
- 3 - Plots and interprets graphs (26.63)
- 4 - Relates processes and phenomenon with causes (31.44)
- 5 - Relates processes and phenomenon with causes (32.05)