



### District Report Card: 2017


<b>State:</b> Madhya Pradesh	<b>District:</b> Vidisha
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1044


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	480		45.98		564		54.02	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	853		81.70		191		18.30	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	306	29.31	82	7.85	544	52.11	112	10.73

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	4	1	1	6	14

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1044		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
36.79	35.74	37.68	37.18	35.04	36.79	0.00	34.71	32.52	38.79	35.89

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.18
SCI704	Conducts simple investigation to seek answers to queries	24.95
SCI705	Relates processes and phenomenon with causes	37.14
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	43.49
SCI710	Plots and interprets graphs	20.86
SCI711	Constructs models using materials from surroundings and explains their working	31.84
SCI801	Differentiates materials, organism and processes	39.99
SCI804	Relates processes and phenomenon with causes	39.48
SCI805	Explains processes and phenomenon	35.40
SCI807	Measures angles of incidence and reflection, etc.	41.57
SCI811	Applies learning of scientific concepts in day-to-day life	36.37
SCI813	Makes efforts to protect environment	49.23

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
444	42.53	333	31.90	190	18.20	77	7.38

### Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (20.86)
- 2 - Conducts simple investigation to seek answers to queries (24.95)
- 3 - Constructs models using materials from surroundings and explains their working (31.84)
- 4 - Explains processes and phenomenon (35.40)
- 5 - Classifies materials and organisms based on properties/characteristics (36.18)