



### District Report Card: 2017


<b>State:</b> Madhya Pradesh	<b>District:</b> Bhind
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1020


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	488	47.84	532	52.16

 AREA	Rural		Urban	
	Number	%	Number	%
	885	86.76	135	13.24

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	341	33.43	3	0.29	485	47.55	191	18.73

 CWSN	LD	VI	HI	S&LD	ID	Oth
	0	1	1	0	0	9

 Management	Government		Government-aided	
	Number	%	Number	%
	978	95.88	42	4.12

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.43	40.79	40.10	40.31	41.23	40.74	33.33	42.46	26.67	38.52	41.88

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.45
SCI704	Conducts simple investigation to seek answers to queries	22.11
SCI705	Relates processes and phenomenon with causes	37.15
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	54.41
SCI710	Plots and interprets graphs	24.46
SCI711	Constructs models using materials from surroundings and explains their working	35.23
SCI801	Differentiates materials, organism and processes	47.36
SCI804	Relates processes and phenomenon with causes	41.10
SCI805	Explains processes and phenomenon	37.15
SCI807	Measures angles of incidence and reflection, etc.	42.35
SCI811	Applies learning of scientific concepts in day-to-day life	41.50
SCI813	Makes efforts to protect environment	57.06

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
358	35.10	321	31.47	269	26.37	72	7.06

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (22.11)
- 2 - Plots and interprets graphs (24.46)
- 3 - Constructs models using materials from surroundings and explains their working (35.23)
- 4 - Relates processes and phenomenon with causes (37.15)
- 5 - Explains processes and phenomenon (37.15)