



### District Report Card: 2017


<b>State:</b> Maharashtra	<b>District:</b> Bhandara
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1362


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	607	44.57	755	55.43

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1213	89.06	149	10.94

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	200	14.68	72	5.29	1017	74.67	73	5.36

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	1	11	3	1	14	7

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	217	15.93	1145	84.07

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
31.83	31.96	31.72	32.46	26.67	31.24	31.94	29.77	29.54	32.64	28.40

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.38
SCI704	Conducts simple investigation to seek answers to queries	24.34
SCI705	Relates processes and phenomenon with causes	31.63
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	34.58
SCI710	Plots and interprets graphs	30.63
SCI711	Constructs models using materials from surroundings and explains their working	25.57
SCI801	Differentiates materials, organism and processes	36.24
SCI804	Relates processes and phenomenon with causes	38.44
SCI805	Explains processes and phenomenon	30.23
SCI807	Measures angles of incidence and reflection, etc.	35.17
SCI811	Applies learning of scientific concepts in day-to-day life	26.11
SCI813	Makes efforts to protect environment	40.97

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
721	52.94	406	29.81	188	13.80	47	3.45

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (24.34)
- 2 - Constructs models using materials from surroundings and explains their working (25.57)
- 3 - Applies learning of scientific concepts in day-to-day life (26.11)
- 4 - Explains processes and phenomenon (30.23)
- 5 - Plots and interprets graphs (30.63)