



### District Report Card: 2017


<b>State:</b> Maharashtra	<b>District:</b> Buldana
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1378


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	743	53.92	635	46.08

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	863	62.63	515	37.37

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	280	20.32	47	3.41	784	56.89	267	19.38

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	1	4	0	0	0	1

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	281	20.39	1097	79.61

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
45.35	44.28	46.59	45.92	44.39	47.66	44.75	48.07	40.71	43.64	48.31

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	47.58
SCI704	Conducts simple investigation to seek answers to queries	26.64
SCI705	Relates processes and phenomenon with causes	44.61
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	58.56
SCI710	Plots and interprets graphs	42.90
SCI711	Constructs models using materials from surroundings and explains their working	46.64
SCI801	Differentiates materials, organism and processes	44.55
SCI804	Relates processes and phenomenon with causes	47.23
SCI805	Explains processes and phenomenon	44.66
SCI807	Measures angles of incidence and reflection, etc.	53.63
SCI811	Applies learning of scientific concepts in day-to-day life	43.17
SCI813	Makes efforts to protect environment	57.76

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
439	31.86	357	25.91	400	29.03	182	13.21

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (26.64)
- 2 - Plots and interprets graphs (42.90)
- 3 - Applies learning of scientific concepts in day-to-day life (43.17)
- 4 - Differentiates materials, organism and processes (44.55)
- 5 - Relates processes and phenomenon with causes (44.61)