



**District Report Card: 2017**


<b>State:</b> Maharashtra	<b>District:</b> Sindhudurg
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1450


**Participation/Coverage**


**Students**

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	684	47.17	766	52.83

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1303	89.86	147	10.14

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	90	6.21	20	1.38	470	32.41	870	60.00

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	4	5	0	0	2	4

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	0	0.00	1450	100.00

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
48.24	49.50	47.11	47.45	55.19	0.00	48.24	48.81	39.33	49.09	47.92

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	48.26
SCI704	Conducts simple investigation to seek answers to queries	35.23
SCI705	Relates processes and phenomenon with causes	47.27
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	65.10
SCI710	Plots and interprets graphs	41.76
SCI711	Constructs models using materials from surroundings and explains their working	38.65
SCI801	Differentiates materials, organism and processes	48.19
SCI804	Relates processes and phenomenon with causes	53.51
SCI805	Explains processes and phenomenon	43.84
SCI807	Measures angles of incidence and reflection, etc.	55.31
SCI811	Applies learning of scientific concepts in day-to-day life	42.04
SCI813	Makes efforts to protect environment	72.55

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
296	20.41	518	35.72	496	34.21	140	9.66

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (35.23)
- 2 - Constructs models using materials from surroundings and explains their working (38.65)
- 3 - Plots and interprets graphs (41.76)
- 4 - Applies learning of scientific concepts in day-to-day life (42.04)
- 5 - Explains processes and phenomenon (43.84)