



**District Report Card: 2017**


<b>State:</b> Maharashtra	<b>District:</b> Amravati
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1314


**Participation/Coverage**


**Students**

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	604	45.97	710	54.03

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	766	58.30	548	41.70

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	274	20.85	269	20.47	411	31.28	360	27.40

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	3	8	6	1	1	39

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	151	11.49	1163	88.51

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.98	36.68	37.24	37.63	36.07	38.23	36.82	35.06	41.16	37.50	34.72

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.60
SCI704	Conducts simple investigation to seek answers to queries	25.51
SCI705	Relates processes and phenomenon with causes	34.28
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	46.04
SCI710	Plots and interprets graphs	29.47
SCI711	Constructs models using materials from surroundings and explains their working	32.05
SCI801	Differentiates materials, organism and processes	41.20
SCI804	Relates processes and phenomenon with causes	40.42
SCI805	Explains processes and phenomenon	35.68
SCI807	Measures angles of incidence and reflection, etc.	42.39
SCI811	Applies learning of scientific concepts in day-to-day life	32.77
SCI813	Makes efforts to protect environment	50.68

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
562	42.77	417	31.74	273	20.78	62	4.72

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (25.51)
- 2 - Plots and interprets graphs (29.47)
- 3 - Constructs models using materials from surroundings and explains their working (32.05)
- 4 - Applies learning of scientific concepts in day-to-day life (32.77)
- 5 - Relates processes and phenomenon with causes (34.28)