



### District Report Card: 2017


<b>State:</b> Maharashtra	<b>District:</b> Nanded
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1322


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	681	51.51	641	48.49

 AREA	Rural		Urban	
	Number	%	Number	%
	739	55.90	583	44.10

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	257	19.44	114	8.62	446	33.74	505	38.20

 CWSN	LD	VI	HI	S&LD	ID	Oth
	2	15	0	1	2	52

 Management	Government		Government-aided	
	Number	%	Number	%
	237	17.93	1085	82.07

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.54	40.60	40.48	43.03	37.38	40.03	40.65	41.58	35.09	41.00	40.83

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.15
SCI704	Conducts simple investigation to seek answers to queries	27.70
SCI705	Relates processes and phenomenon with causes	39.04
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	52.19
SCI710	Plots and interprets graphs	28.57
SCI711	Constructs models using materials from surroundings and explains their working	34.87
SCI801	Differentiates materials, organism and processes	37.58
SCI804	Relates processes and phenomenon with causes	49.31
SCI805	Explains processes and phenomenon	39.84
SCI807	Measures angles of incidence and reflection, etc.	45.69
SCI811	Applies learning of scientific concepts in day-to-day life	37.69
SCI813	Makes efforts to protect environment	58.47

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
466	35.25	443	33.51	354	26.78	59	4.46

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.70)
- 2 - Plots and interprets graphs (28.57)
- 3 - Constructs models using materials from surroundings and explains their working (34.87)
- 4 - Differentiates materials, organism and processes (37.58)
- 5 - Applies learning of scientific concepts in day-to-day life (37.69)