



### District Report Card: 2017


<b>State:</b> Gujarat	<b>District:</b> Morbi
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1161


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys			Girls		
	Number		%	Number		%
	567		48.84	594		51.16

<div>AREA</div> <div></div>	Rural			Urban		
	Number		%	Number		%
	921		79.33	240		20.67

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	94	8.10	29	2.50	942	81.14	96	8.27

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	0	0	1	2	3

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1161		100.00	0		0.00

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
50.76	49.68	51.78	50.18	52.94	50.76	0.00	45.67	52.87	51.16	51.11

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	49.57
SCI704	Conducts simple investigation to seek answers to queries	39.62
SCI705	Relates processes and phenomenon with causes	46.98
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	59.26
SCI710	Plots and interprets graphs	46.65
SCI711	Constructs models using materials from surroundings and explains their working	48.94
SCI801	Differentiates materials, organism and processes	56.60
SCI804	Relates processes and phenomenon with causes	42.08
SCI805	Explains processes and phenomenon	44.58
SCI807	Measures angles of incidence and reflection, etc.	48.15
SCI811	Applies learning of scientific concepts in day-to-day life	54.12
SCI813	Makes efforts to protect environment	65.55

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
243	20.93	292	25.15	488	42.03	138	11.89

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (39.62)
- 2 - Relates processes and phenomenon with causes (42.08)
- 3 - Explains processes and phenomenon (44.58)
- 4 - Plots and interprets graphs (46.65)
- 5 - Relates processes and phenomenon with causes (46.98)