



### District Report Card: 2017


<b>State:</b> Daman & Diu	<b>District:</b> Diu
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 12	<b>Students:</b> 286


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	123	43.01	163	56.99

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	151	52.80	135	47.20

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	14	4.90	0	0.00	252	88.11	20	6.99

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	262	91.61	24	8.39

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
33.54	33.66	33.46	32.63	34.57	33.79	30.83	36.67	0.00	32.83	40.33

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.81
SCI704	Conducts simple investigation to seek answers to queries	17.84
SCI705	Relates processes and phenomenon with causes	40.38
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	14.69
SCI710	Plots and interprets graphs	25.34
SCI711	Constructs models using materials from surroundings and explains their working	22.60
SCI801	Differentiates materials, organism and processes	53.81
SCI804	Relates processes and phenomenon with causes	31.51
SCI805	Explains processes and phenomenon	33.80
SCI807	Measures angles of incidence and reflection, etc.	24.48
SCI811	Applies learning of scientific concepts in day-to-day life	31.02
SCI813	Makes efforts to protect environment	45.45

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
118	41.26	136	47.55	30	10.49	2	0.70

## Lowest Performing Learning Outcomes (LOs)

- 1 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (14.69)
- 2 - Conducts simple investigation to seek answers to queries (17.84)
- 3 - Constructs models using materials from surroundings and explains their working (22.60)
- 4 - Measures angles of incidence and reflection, etc. (24.48)
- 5 - Plots and interprets graphs (25.34)