



### District Report Card: 2017


<b>State:</b> Gujarat	<b>District:</b> Anand
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1359


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	760	55.92	599	44.08

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1141	83.96	218	16.04

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	53	3.90	19	1.40	954	70.20	333	24.50

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	4	3	2	2	5	31

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	1160	85.36	199	14.64

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
49.65	48.75	50.78	49.49	50.49	51.60	38.29	52.33	55.44	50.02	47.83

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	51.28
SCI704	Conducts simple investigation to seek answers to queries	38.79
SCI705	Relates processes and phenomenon with causes	47.83
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	51.07
SCI710	Plots and interprets graphs	42.47
SCI711	Constructs models using materials from surroundings and explains their working	49.93
SCI801	Differentiates materials, organism and processes	57.24
SCI804	Relates processes and phenomenon with causes	48.29
SCI805	Explains processes and phenomenon	48.27
SCI807	Measures angles of incidence and reflection, etc.	48.20
SCI811	Applies learning of scientific concepts in day-to-day life	50.83
SCI813	Makes efforts to protect environment	54.45

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
310	22.81	359	26.42	522	38.41	168	12.36

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (38.79)
- 2 - Plots and interprets graphs (42.47)
- 3 - Relates processes and phenomenon with causes (47.83)
- 4 - Measures angles of incidence and reflection, etc. (48.20)
- 5 - Explains processes and phenomenon (48.27)