



### District Report Card: 2017


<b>State:</b> Gujarat	<b>District:</b> Junagadh
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1072


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	456	42.54	616	57.46

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	836	77.99	236	22.01

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	179	16.70	32	2.99	770	71.83	91	8.49

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	2	29	0	4	5	3

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	1042	97.20	30	2.80

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
52.84	53.73	52.19	52.99	52.32	52.69	58.00	50.43	45.00	53.97	50.77

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	56.63
SCI704	Conducts simple investigation to seek answers to queries	48.14
SCI705	Relates processes and phenomenon with causes	47.65
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	58.58
SCI710	Plots and interprets graphs	39.20
SCI711	Constructs models using materials from surroundings and explains their working	47.92
SCI801	Differentiates materials, organism and processes	62.22
SCI804	Relates processes and phenomenon with causes	43.94
SCI805	Explains processes and phenomenon	49.07
SCI807	Measures angles of incidence and reflection, etc.	50.47
SCI811	Applies learning of scientific concepts in day-to-day life	52.11
SCI813	Makes efforts to protect environment	61.19

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
209	19.50	293	27.33	365	34.05	205	19.12

### Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (39.20)
- 2 - Relates processes and phenomenon with causes (43.94)
- 3 - Relates processes and phenomenon with causes (47.65)
- 4 - Constructs models using materials from surroundings and explains their working (47.92)
- 5 - Conducts simple investigation to seek answers to queries (48.14)