



### District Report Card: 2017


<b>State:</b> Gujarat	<b>District:</b> Navsari
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1283


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	598	46.61	685	53.39

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1019	79.42	264	20.58

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	19	1.48	838	65.32	297	23.15	129	10.05

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	1	5	0	1	2	13

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	1253	97.66	30	2.34

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
52.34	52.10	52.55	55.17	41.41	52.58	42.00	39.30	55.01	52.23	37.11

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	54.55
SCI704	Conducts simple investigation to seek answers to queries	48.81
SCI705	Relates processes and phenomenon with causes	46.52
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	53.70
SCI710	Plots and interprets graphs	47.66
SCI711	Constructs models using materials from surroundings and explains their working	39.22
SCI801	Differentiates materials, organism and processes	61.53
SCI804	Relates processes and phenomenon with causes	49.84
SCI805	Explains processes and phenomenon	50.47
SCI807	Measures angles of incidence and reflection, etc.	43.88
SCI811	Applies learning of scientific concepts in day-to-day life	51.90
SCI813	Makes efforts to protect environment	65.78

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
247	19.25	359	27.98	452	35.23	225	17.54

### Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (39.22)
- 2 - Measures angles of incidence and reflection, etc. (43.88)
- 3 - Relates processes and phenomenon with causes (46.52)
- 4 - Plots and interprets graphs (47.66)
- 5 - Conducts simple investigation to seek answers to queries (48.81)