



### District Report Card: 2017


<b>State:</b> Gujarat	<b>District:</b> Banas Kantha
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1394


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	790	56.67	604	43.33

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1283	92.04	111	7.96

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	155	11.12	177	12.70	967	69.37	95	6.81

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	1	1	0	0	4	3

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	1339	96.05	55	3.95

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
60.44	59.65	61.48	61.21	51.53	61.26	40.48	61.16	57.82	60.88	59.65

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	61.23
SCI704	Conducts simple investigation to seek answers to queries	50.19
SCI705	Relates processes and phenomenon with causes	55.41
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	69.94
SCI710	Plots and interprets graphs	54.15
SCI711	Constructs models using materials from surroundings and explains their working	55.59
SCI801	Differentiates materials, organism and processes	64.87
SCI804	Relates processes and phenomenon with causes	57.02
SCI805	Explains processes and phenomenon	56.70
SCI807	Measures angles of incidence and reflection, etc.	54.02
SCI811	Applies learning of scientific concepts in day-to-day life	62.95
SCI813	Makes efforts to protect environment	76.83

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
132	9.47	272	19.51	648	46.48	342	24.53

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (50.19)
- 2 - Measures angles of incidence and reflection, etc. (54.02)
- 3 - Plots and interprets graphs (54.15)
- 4 - Relates processes and phenomenon with causes (55.41)
- 5 - Constructs models using materials from surroundings and explains their working (55.59)