



District Report Card: 2017


State: Gujarat	District: Gandhinagar
Class: 8	Subject: Science
Schools: 51	Students: 1319


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	685	51.93	634	48.07

AREA 	Rural		Urban	
	Number	%	Number	%
	1219	92.42	100	7.58

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	63	4.78	13	0.99	1083	82.11	160	12.13

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	4	0	1	1	29

Management 	Government		Government-aided	
	Number	%	Number	%
	1065	80.74	254	19.26

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
49.02	49.50	48.51	48.36	57.07	49.95	45.12	49.95	49.23	49.76	43.67

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	51.90
SCI704	Conducts simple investigation to seek answers to queries	40.00
SCI705	Relates processes and phenomenon with causes	40.66
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	53.15
SCI710	Plots and interprets graphs	32.52
SCI711	Constructs models using materials from surroundings and explains their working	47.42
SCI801	Differentiates materials, organism and processes	58.03
SCI804	Relates processes and phenomenon with causes	51.82
SCI805	Explains processes and phenomenon	43.74
SCI807	Measures angles of incidence and reflection, etc.	46.55
SCI811	Applies learning of scientific concepts in day-to-day life	50.73
SCI813	Makes efforts to protect environment	62.47

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
309	23.43	372	28.20	476	36.09	162	12.28

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (32.52)
- 2 - Conducts simple investigation to seek answers to queries (40.00)
- 3 - Relates processes and phenomenon with causes (40.66)
- 4 - Explains processes and phenomenon (43.74)
- 5 - Measures angles of incidence and reflection, etc. (46.55)