



District Report Card: 2017


State: Gujarat	District: Surendranagar
Class: 8	Subject: Science
Schools: 51	Students: 1211


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	611	50.45	600	49.55

AREA 	Rural		Urban	
	Number	%	Number	%
	960	79.27	251	20.73

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	123	10.16	50	4.13	962	79.44	76	6.28

CWSN 	LD	VI	HI	S&LD	ID	Oth
	0	2	1	2	4	3

Management 	Government		Government-aided	
	Number	%	Number	%
	1211	100.00	0	0.00

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
50.38	52.18	48.56	50.53	49.80	50.38	0.00	52.03	44.27	50.46	50.70

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	50.14
SCI704	Conducts simple investigation to seek answers to queries	44.69
SCI705	Relates processes and phenomenon with causes	47.43
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	54.00
SCI710	Plots and interprets graphs	46.13
SCI711	Constructs models using materials from surroundings and explains their working	45.12
SCI801	Differentiates materials, organism and processes	58.27
SCI804	Relates processes and phenomenon with causes	47.81
SCI805	Explains processes and phenomenon	48.91
SCI807	Measures angles of incidence and reflection, etc.	43.77
SCI811	Applies learning of scientific concepts in day-to-day life	50.49
SCI813	Makes efforts to protect environment	59.04

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
272	22.46	346	28.57	397	32.78	196	16.18

Lowest Performing Learning Outcomes (LOs)

- 1 - Measures angles of incidence and reflection, etc. (43.77)
- 2 - Conducts simple investigation to seek answers to queries (44.69)
- 3 - Constructs models using materials from surroundings and explains their working (45.12)
- 4 - Plots and interprets graphs (46.13)
- 5 - Relates processes and phenomenon with causes (47.43)