



District Report Card: 2017


State: Gujarat	District: Amreli
Class: 8	Subject: Science
Schools: 51	Students: 1152


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	562	48.78	590	51.22

AREA 	Rural		Urban	
	Number	%	Number	%
	972	84.38	180	15.63

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	135	11.72	9	0.78	929	80.64	79	6.86

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

Management 	Government		Government-aided	
	Number	%	Number	%
	1152	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
46.46	45.04	47.81	47.04	43.33	46.46	0.00	46.17	41.48	46.07	52.07

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	47.96
SCI704	Conducts simple investigation to seek answers to queries	35.59
SCI705	Relates processes and phenomenon with causes	46.67
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	49.91
SCI710	Plots and interprets graphs	41.64
SCI711	Constructs models using materials from surroundings and explains their working	37.72
SCI801	Differentiates materials, organism and processes	56.55
SCI804	Relates processes and phenomenon with causes	44.84
SCI805	Explains processes and phenomenon	39.21
SCI807	Measures angles of incidence and reflection, etc.	39.41
SCI811	Applies learning of scientific concepts in day-to-day life	48.60
SCI813	Makes efforts to protect environment	56.94

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
305	26.48	338	29.34	393	34.11	116	10.07

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (35.59)
- 2 - Constructs models using materials from surroundings and explains their working (37.72)
- 3 - Explains processes and phenomenon (39.21)
- 4 - Measures angles of incidence and reflection, etc. (39.41)
- 5 - Plots and interprets graphs (41.64)