



District Report Card: 2017


State: Gujarat	District: Rajkot
Class: 8	Subject: Science
Schools: 51	Students: 1143


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	565	49.43	578	50.57

AREA 	Rural		Urban	
	Number	%	Number	%
	832	72.79	311	27.21

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	172	15.05	29	2.54	840	73.49	102	8.92

CWSN 	LD	VI	HI	S&LD	ID	Oth
	4	25	1	1	1	3

Management 	Government		Government-aided	
	Number	%	Number	%
	1143	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
47.67	47.93	47.42	44.98	54.86	47.67	0.00	49.77	47.82	46.53	53.46

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	49.24
SCI704	Conducts simple investigation to seek answers to queries	42.31
SCI705	Relates processes and phenomenon with causes	46.41
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	48.29
SCI710	Plots and interprets graphs	33.39
SCI711	Constructs models using materials from surroundings and explains their working	37.57
SCI801	Differentiates materials, organism and processes	54.08
SCI804	Relates processes and phenomenon with causes	49.39
SCI805	Explains processes and phenomenon	42.72
SCI807	Measures angles of incidence and reflection, etc.	44.27
SCI811	Applies learning of scientific concepts in day-to-day life	50.54
SCI813	Makes efforts to protect environment	56.78

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
296	25.90	359	31.41	336	29.40	152	13.30

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (33.39)
- 2 - Constructs models using materials from surroundings and explains their working (37.57)
- 3 - Conducts simple investigation to seek answers to queries (42.31)
- 4 - Explains processes and phenomenon (42.72)
- 5 - Measures angles of incidence and reflection, etc. (44.27)