



District Report Card: 2017


State: Gujarat	District: Kachchh
Class: 8	Subject: Science
Schools: 51	Students: 1201


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	574	47.79	627	52.21

AREA 	Rural		Urban	
	Number	%	Number	%
	936	77.94	265	22.06

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	279	23.23	18	1.50	576	47.96	328	27.31

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

Management 	Government		Government-aided	
	Number	%	Number	%
	1148	95.59	53	4.41

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
46.04	44.80	47.18	45.69	47.27	46.46	36.98	45.47	41.48	49.07	41.44

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	50.62
SCI704	Conducts simple investigation to seek answers to queries	34.55
SCI705	Relates processes and phenomenon with causes	43.03
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	49.46
SCI710	Plots and interprets graphs	35.78
SCI711	Constructs models using materials from surroundings and explains their working	40.37
SCI801	Differentiates materials, organism and processes	56.25
SCI804	Relates processes and phenomenon with causes	50.26
SCI805	Explains processes and phenomenon	40.50
SCI807	Measures angles of incidence and reflection, etc.	38.80
SCI811	Applies learning of scientific concepts in day-to-day life	46.96
SCI813	Makes efforts to protect environment	56.54

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
323	26.89	373	31.06	395	32.89	110	9.16

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (34.55)
- 2 - Plots and interprets graphs (35.78)
- 3 - Measures angles of incidence and reflection, etc. (38.80)
- 4 - Constructs models using materials from surroundings and explains their working (40.37)
- 5 - Explains processes and phenomenon (40.50)