



District Report Card: 2017


State: Gujarat	District: Sabar Kantha
Class: 8	Subject: Science
Schools: 51	Students: 1237


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	672	54.32	565	45.68

AREA 	Rural		Urban	
	Number	%	Number	%
	1051	84.96	186	15.04

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	103	8.33	337	27.24	722	58.37	75	6.06

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	1	2	0	3	8

Management 	Government		Government-aided	
	Number	%	Number	%
	942	76.15	295	23.85

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
44.88	44.87	44.88	45.85	39.35	46.35	40.18	43.17	49.30	42.73	48.00

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	46.30
SCI704	Conducts simple investigation to seek answers to queries	36.45
SCI705	Relates processes and phenomenon with causes	40.97
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	52.79
SCI710	Plots and interprets graphs	31.92
SCI711	Constructs models using materials from surroundings and explains their working	32.90
SCI801	Differentiates materials, organism and processes	57.36
SCI804	Relates processes and phenomenon with causes	45.93
SCI805	Explains processes and phenomenon	39.84
SCI807	Measures angles of incidence and reflection, etc.	31.53
SCI811	Applies learning of scientific concepts in day-to-day life	46.36
SCI813	Makes efforts to protect environment	57.56

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
325	26.27	436	35.25	394	31.85	82	6.63

Lowest Performing Learning Outcomes (LOs)

- 1 - Measures angles of incidence and reflection, etc. (31.53)
- 2 - Plots and interprets graphs (31.92)
- 3 - Constructs models using materials from surroundings and explains their working (32.90)
- 4 - Conducts simple investigation to seek answers to queries (36.45)
- 5 - Explains processes and phenomenon (39.84)