



District Report Card: 2017


State: Gujarat	District: Valsad
Class: 8	Subject: Science
Schools: 51	Students: 1328


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	625	47.06	703	52.94

AREA 	Rural		Urban	
	Number	%	Number	%
	1174	88.40	154	11.60

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	19	1.43	976	73.49	232	17.47	101	7.61

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	2	0	0	2	10

Management 	Government		Government-aided	
	Number	%	Number	%
	1242	93.52	86	6.48

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
54.71	51.21	57.83	55.66	47.53	54.06	64.19	62.46	51.69	63.82	61.58

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	54.64
SCI704	Conducts simple investigation to seek answers to queries	56.76
SCI705	Relates processes and phenomenon with causes	51.58
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	51.20
SCI710	Plots and interprets graphs	36.28
SCI711	Constructs models using materials from surroundings and explains their working	39.43
SCI801	Differentiates materials, organism and processes	60.93
SCI804	Relates processes and phenomenon with causes	46.33
SCI805	Explains processes and phenomenon	54.80
SCI807	Measures angles of incidence and reflection, etc.	50.30
SCI811	Applies learning of scientific concepts in day-to-day life	56.51
SCI813	Makes efforts to protect environment	68.45

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
235	17.70	342	25.75	454	34.19	297	22.36

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (36.28)
- 2 - Constructs models using materials from surroundings and explains their working (39.43)
- 3 - Relates processes and phenomenon with causes (46.33)
- 4 - Measures angles of incidence and reflection, etc. (50.30)
- 5 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (51.20)