



District Report Card: 2017


State: Gujarat	District: Mahesana
Class: 8	Subject: Science
Schools: 51	Students: 1344


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	740	55.06	604	44.94

AREA 	Rural		Urban	
	Number	%	Number	%
	1213	90.25	131	9.75

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	91	6.77	31	2.31	999	74.33	223	16.59

CWSN 	LD	VI	HI	S&LD	ID	Oth
	0	2	1	1	2	5

Management 	Government		Government-aided	
	Number	%	Number	%
	1136	84.52	208	15.48

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
52.45	52.63	52.23	51.44	61.83	52.31	53.24	51.58	39.35	50.85	61.79

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	50.32
SCI704	Conducts simple investigation to seek answers to queries	44.22
SCI705	Relates processes and phenomenon with causes	50.72
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	60.86
SCI710	Plots and interprets graphs	33.68
SCI711	Constructs models using materials from surroundings and explains their working	47.99
SCI801	Differentiates materials, organism and processes	60.42
SCI804	Relates processes and phenomenon with causes	53.06
SCI805	Explains processes and phenomenon	48.59
SCI807	Measures angles of incidence and reflection, etc.	50.45
SCI811	Applies learning of scientific concepts in day-to-day life	52.78
SCI813	Makes efforts to protect environment	64.51

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
232	17.26	405	30.13	480	35.71	227	16.89

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (33.68)
- 2 - Conducts simple investigation to seek answers to queries (44.22)
- 3 - Constructs models using materials from surroundings and explains their working (47.99)
- 4 - Explains processes and phenomenon (48.59)
- 5 - Classifies materials and organisms based on properties/characteristics (50.32)