



District Report Card: 2017


State: Gujarat	District: Mahisagar
Class: 8	Subject: Science
Schools: 51	Students: 1263


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	666	52.73	597	47.27

AREA 	Rural		Urban	
	Number	%	Number	%
	1125	89.07	138	10.93

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	64	5.07	501	39.67	577	45.68	121	9.58

CWSN 	LD	VI	HI	S&LD	ID	Oth
	6	1	1	0	3	7

Management 	Government		Government-aided	
	Number	%	Number	%
	1209	95.72	54	4.28

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
55.19	54.44	56.01	53.53	68.65	55.85	40.25	49.38	53.84	58.20	49.48

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	57.53
SCI704	Conducts simple investigation to seek answers to queries	48.68
SCI705	Relates processes and phenomenon with causes	48.89
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	67.54
SCI710	Plots and interprets graphs	37.30
SCI711	Constructs models using materials from surroundings and explains their working	40.32
SCI801	Differentiates materials, organism and processes	60.52
SCI804	Relates processes and phenomenon with causes	53.17
SCI805	Explains processes and phenomenon	50.53
SCI807	Measures angles of incidence and reflection, etc.	59.38
SCI811	Applies learning of scientific concepts in day-to-day life	58.06
SCI813	Makes efforts to protect environment	60.81

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
209	16.55	297	23.52	502	39.75	255	20.19

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (37.30)
- 2 - Constructs models using materials from surroundings and explains their working (40.32)
- 3 - Conducts simple investigation to seek answers to queries (48.68)
- 4 - Relates processes and phenomenon with causes (48.89)
- 5 - Explains processes and phenomenon (50.53)