



District Report Card: 2017


State: Gujarat	District: Narmada
Class: 8	Subject: Science
Schools: 51	Students: 1251


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	660	52.76	591	47.24

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1205	96.32	46	3.68

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	17	1.36	1102	88.09	99	7.91	33	2.64

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	6	0	2	2	60

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1251	100.00	0	0.00

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
41.12	39.80	42.59	41.33	35.65	41.12	0.00	40.00	41.20	39.66	43.43

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.32
SCI704	Conducts simple investigation to seek answers to queries	34.36
SCI705	Relates processes and phenomenon with causes	37.35
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	40.61
SCI710	Plots and interprets graphs	32.01
SCI711	Constructs models using materials from surroundings and explains their working	33.92
SCI801	Differentiates materials, organism and processes	51.81
SCI804	Relates processes and phenomenon with causes	36.78
SCI805	Explains processes and phenomenon	38.90
SCI807	Measures angles of incidence and reflection, etc.	29.18
SCI811	Applies learning of scientific concepts in day-to-day life	44.71
SCI813	Makes efforts to protect environment	49.32

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
408	32.61	455	36.37	316	25.26	72	5.76

Lowest Performing Learning Outcomes (LOs)

- 1 - Measures angles of incidence and reflection, etc. (29.18)
- 2 - Plots and interprets graphs (32.01)
- 3 - Constructs models using materials from surroundings and explains their working (33.92)
- 4 - Conducts simple investigation to seek answers to queries (34.36)
- 5 - Relates processes and phenomenon with causes (36.78)