



District Report Card: 2017


State: Gujarat	District: Botad
Class: 8	Subject: Science
Schools: 51	Students: 1375


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	666	48.44	709	51.56

 AREA	Rural		Urban	
	Number	%	Number	%
	1141	82.98	234	17.02

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	104	7.56	14	1.02	1212	88.15	45	3.27

 CWSN	LD	VI	HI	S&LD	ID	Oth
	0	1	0	0	4	3

 Management	Government		Government-aided	
	Number	%	Number	%
	1375	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
58.45	57.76	59.10	58.70	57.24	58.45	0.00	56.60	65.24	58.28	65.19

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	61.67
SCI704	Conducts simple investigation to seek answers to queries	49.76
SCI705	Relates processes and phenomenon with causes	55.02
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	65.09
SCI710	Plots and interprets graphs	42.04
SCI711	Constructs models using materials from surroundings and explains their working	45.13
SCI801	Differentiates materials, organism and processes	68.62
SCI804	Relates processes and phenomenon with causes	58.41
SCI805	Explains processes and phenomenon	57.82
SCI807	Measures angles of incidence and reflection, etc.	40.44
SCI811	Applies learning of scientific concepts in day-to-day life	60.99
SCI813	Makes efforts to protect environment	72.29

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
144	10.47	324	23.56	616	44.80	291	21.16

Lowest Performing Learning Outcomes (LOs)

- 1 - Measures angles of incidence and reflection, etc. (40.44)
- 2 - Plots and interprets graphs (42.04)
- 3 - Constructs models using materials from surroundings and explains their working (45.13)
- 4 - Conducts simple investigation to seek answers to queries (49.76)
- 5 - Relates processes and phenomenon with causes (55.02)