



District Report Card: 2017


State: Gujarat	District: Panch Mahals
Class: 8	Subject: Science
Schools: 51	Students: 1261


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	615	48.77	646	51.23

AREA 	Rural		Urban	
	Number	%	Number	%
	1127	89.37	134	10.63

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	35	2.78	309	24.50	866	68.68	51	4.04

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

Management 	Government		Government-aided	
	Number	%	Number	%
	1146	90.88	115	9.12

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
60.11	60.78	59.46	59.30	66.87	60.52	56.00	64.57	60.09	60.11	57.12

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	63.54
SCI704	Conducts simple investigation to seek answers to queries	50.19
SCI705	Relates processes and phenomenon with causes	58.41
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	70.18
SCI710	Plots and interprets graphs	48.04
SCI711	Constructs models using materials from surroundings and explains their working	53.22
SCI801	Differentiates materials, organism and processes	66.86
SCI804	Relates processes and phenomenon with causes	45.68
SCI805	Explains processes and phenomenon	50.03
SCI807	Measures angles of incidence and reflection, etc.	61.30
SCI811	Applies learning of scientific concepts in day-to-day life	63.49
SCI813	Makes efforts to protect environment	70.98

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
171	13.56	231	18.32	475	37.67	384	30.45

Lowest Performing Learning Outcomes (LOs)

- 1 - Relates processes and phenomenon with causes (45.68)
- 2 - Plots and interprets graphs (48.04)
- 3 - Explains processes and phenomenon (50.03)
- 4 - Conducts simple investigation to seek answers to queries (50.19)
- 5 - Constructs models using materials from surroundings and explains their working (53.22)