



District Report Card: 2017


State: Gujarat	District: Aravalli
Class: 8	Subject: Science
Schools: 51	Students: 1235


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	668	54.09	567	45.91

AREA 	Rural		Urban	
	Number	%	Number	%
	1118	90.53	117	9.47

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	75	6.07	332	26.88	783	63.40	45	3.64

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	0	1	0	2	34

Management 	Government		Government-aided	
	Number	%	Number	%
	1087	88.02	148	11.98

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
48.90	48.29	49.61	48.82	49.63	49.23	46.44	45.42	47.05	49.72	53.93

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	48.33
SCI704	Conducts simple investigation to seek answers to queries	40.84
SCI705	Relates processes and phenomenon with causes	45.60
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	52.06
SCI710	Plots and interprets graphs	36.35
SCI711	Constructs models using materials from surroundings and explains their working	35.06
SCI801	Differentiates materials, organism and processes	58.63
SCI804	Relates processes and phenomenon with causes	43.46
SCI805	Explains processes and phenomenon	46.19
SCI807	Measures angles of incidence and reflection, etc.	42.02
SCI811	Applies learning of scientific concepts in day-to-day life	52.97
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	%
207	16.76	443	35.87	494	40.00	91	7.37

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (35.06)
- 2 - Plots and interprets graphs (36.35)
- 3 - Conducts simple investigation to seek answers to queries (40.84)
- 4 - Measures angles of incidence and reflection, etc. (42.02)
- 5 - Relates processes and phenomenon with causes (43.46)