



District Report Card: 2017


State: Maharashtra	District: Dhule
Class: 8	Subject: Science
Schools: 49	Students: 1507


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	787	52.22	720	47.78

AREA 	Rural		Urban	
	Number	%	Number	%
	1169	77.57	338	22.43

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	93	6.17	544	36.10	640	42.47	230	15.26

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	17	0	4	0	35

Management 	Government		Government-aided	
	Number	%	Number	%
	1507	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
46.17	45.35	47.07	46.76	44.12	46.17	0.00	36.92	50.28	44.00	46.23

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	49.93
SCI704	Conducts simple investigation to seek answers to queries	28.05
SCI705	Relates processes and phenomenon with causes	44.57
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	56.47
SCI710	Plots and interprets graphs	37.89
SCI711	Constructs models using materials from surroundings and explains their working	46.09
SCI801	Differentiates materials, organism and processes	43.84
SCI804	Relates processes and phenomenon with causes	54.95
SCI805	Explains processes and phenomenon	44.12
SCI807	Measures angles of incidence and reflection, etc.	51.16
SCI811	Applies learning of scientific concepts in day-to-day life	43.42
SCI813	Makes efforts to protect environment	68.94

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
411	27.27	437	29.00	470	31.19	189	12.54

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (28.05)
- 2 - Plots and interprets graphs (37.89)
- 3 - Applies learning of scientific concepts in day-to-day life (43.42)
- 4 - Differentiates materials, organism and processes (43.84)
- 5 - Explains processes and phenomenon (44.12)