



District Report Card: 2017


State: Maharashtra	District: Thane
Class: 8	Subject: Science
Schools: 51	Students: 1416


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	703	49.65	713	50.35

AREA 	Rural		Urban	
	Number	%	Number	%
	348	24.58	1068	75.42

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	194	13.70	114	8.05	375	26.48	733	51.77

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	14	0	0	0	56

Management 	Government		Government-aided	
	Number	%	Number	%
	152	10.73	1264	89.27

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.61	38.45	36.77	40.23	36.75	42.46	37.03	35.29	42.11	38.65	36.99

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.97
SCI704	Conducts simple investigation to seek answers to queries	27.54
SCI705	Relates processes and phenomenon with causes	39.52
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	45.13
SCI710	Plots and interprets graphs	27.26
SCI711	Constructs models using materials from surroundings and explains their working	34.11
SCI801	Differentiates materials, organism and processes	40.10
SCI804	Relates processes and phenomenon with causes	45.34
SCI805	Explains processes and phenomenon	34.48
SCI807	Measures angles of incidence and reflection, etc.	39.97
SCI811	Applies learning of scientific concepts in day-to-day life	33.33
SCI813	Makes efforts to protect environment	59.18

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
559	39.48	490	34.60	330	23.31	37	2.61

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (27.26)
- 2 - Conducts simple investigation to seek answers to queries (27.54)
- 3 - Applies learning of scientific concepts in day-to-day life (33.33)
- 4 - Classifies materials and organisms based on properties/characteristics (33.97)
- 5 - Constructs models using materials from surroundings and explains their working (34.11)