



District Report Card: 2017


State: Maharashtra	District: Mumbai li
Class: 8	Subject: Science
Schools: 51	Students: 1356


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	601	44.32	755	55.68

AREA 	Rural		Urban	
	Number	%	Number	%
	0	0.00	1356	100.00

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	82	6.05	23	1.70	162	11.95	1089	80.31

CWSN 	LD	VI	HI	S&LD	ID	Oth
	7	1	1	1	1	68

Management 	Government		Government-aided	
	Number	%	Number	%
	0	0.00	1356	100.00

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.87	37.24	34.78	0.00	35.87	0.00	35.87	31.87	36.52	38.48	35.77

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.54
SCI704	Conducts simple investigation to seek answers to queries	24.74
SCI705	Relates processes and phenomenon with causes	35.89
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	40.56
SCI710	Plots and interprets graphs	28.59
SCI711	Constructs models using materials from surroundings and explains their working	24.59
SCI801	Differentiates materials, organism and processes	33.78
SCI804	Relates processes and phenomenon with causes	40.59
SCI805	Explains processes and phenomenon	32.30
SCI807	Measures angles of incidence and reflection, etc.	40.19
SCI811	Applies learning of scientific concepts in day-to-day life	32.48
SCI813	Makes efforts to protect environment	58.48

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
544	40.12	548	40.41	225	16.59	39	2.88

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (24.59)
- 2 - Conducts simple investigation to seek answers to queries (24.74)
- 3 - Plots and interprets graphs (28.59)
- 4 - Explains processes and phenomenon (32.30)
- 5 - Applies learning of scientific concepts in day-to-day life (32.48)