



District Report Card: 2017


State: Maharashtra	District: Mumbai (suburban)
Class: 8	Subject: Science
Schools: 50	Students: 1204


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	555	46.10	649	53.90

AREA 	Rural		Urban	
	Number	%	Number	%
	0	0.00	1204	100.00

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	192	15.95	19	1.58	70	5.81	923	76.66

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	3	0	0	1	19

Management 	Government		Government-aided	
	Number	%	Number	%
	1204	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
29.94	31.11	28.94	0.00	29.94	29.94	0.00	27.95	29.47	24.57	30.77

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	28.81
SCI704	Conducts simple investigation to seek answers to queries	23.02
SCI705	Relates processes and phenomenon with causes	30.55
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	31.23
SCI710	Plots and interprets graphs	25.96
SCI711	Constructs models using materials from surroundings and explains their working	21.30
SCI801	Differentiates materials, organism and processes	30.05
SCI804	Relates processes and phenomenon with causes	37.94
SCI805	Explains processes and phenomenon	24.68
SCI807	Measures angles of incidence and reflection, etc.	26.99
SCI811	Applies learning of scientific concepts in day-to-day life	31.13
SCI813	Makes efforts to protect environment	49.75

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
673	55.90	391	32.48	127	10.55	13	1.08

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (21.30)
- 2 - Conducts simple investigation to seek answers to queries (23.02)
- 3 - Explains processes and phenomenon (24.68)
- 4 - Plots and interprets graphs (25.96)
- 5 - Measures angles of incidence and reflection, etc. (26.99)