



District Report Card: 2017


State: Maharashtra	District: Osmanabad
Class: 8	Subject: Science
Schools: 50	Students: 1291


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	623	48.26	668	51.74

 AREA	Rural		Urban	
	Number	%	Number	%
	907	70.26	384	29.74

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	180	13.94	32	2.48	338	26.18	741	57.40

 CWSN	LD	VI	HI	S&LD	ID	Oth
	3	1	1	5	0	3

 Management	Government		Government-aided	
	Number	%	Number	%
	204	15.80	1087	84.20

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
41.94	44.00	40.02	42.03	41.74	46.37	41.11	39.81	37.29	41.97	42.65

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.52
SCI704	Conducts simple investigation to seek answers to queries	29.19
SCI705	Relates processes and phenomenon with causes	40.59
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	55.00
SCI710	Plots and interprets graphs	36.86
SCI711	Constructs models using materials from surroundings and explains their working	34.21
SCI801	Differentiates materials, organism and processes	40.59
SCI804	Relates processes and phenomenon with causes	43.86
SCI805	Explains processes and phenomenon	38.32
SCI807	Measures angles of incidence and reflection, etc.	47.87
SCI811	Applies learning of scientific concepts in day-to-day life	37.99
SCI813	Makes efforts to protect environment	63.75

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
412	31.91	444	34.39	352	27.27	83	6.43

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (29.19)
- 2 - Constructs models using materials from surroundings and explains their working (34.21)
- 3 - Plots and interprets graphs (36.86)
- 4 - Applies learning of scientific concepts in day-to-day life (37.99)
- 5 - Explains processes and phenomenon (38.32)