



District Report Card: 2017


State: Maharashtra	District: Aurangabad (maharashtra)
Class: 8	Subject: Science
Schools: 51	Students: 1411


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	751	53.22	660	46.78

AREA 	Rural		Urban	
	Number	%	Number	%
	913	64.71	498	35.29

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	257	18.21	60	4.25	334	23.67	760	53.86

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	3	1	1	1	55

Management 	Government		Government-aided	
	Number	%	Number	%
	389	27.57	1022	72.43

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
42.08	42.19	41.96	43.48	39.53	47.46	40.04	39.82	45.11	43.65	41.92

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.42
SCI704	Conducts simple investigation to seek answers to queries	27.71
SCI705	Relates processes and phenomenon with causes	37.59
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	56.56
SCI710	Plots and interprets graphs	33.38
SCI711	Constructs models using materials from surroundings and explains their working	28.29
SCI801	Differentiates materials, organism and processes	43.72
SCI804	Relates processes and phenomenon with causes	50.07
SCI805	Explains processes and phenomenon	36.78
SCI807	Measures angles of incidence and reflection, etc.	48.62
SCI811	Applies learning of scientific concepts in day-to-day life	41.47
SCI813	Makes efforts to protect environment	65.34

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
462	32.74	432	30.62	445	31.54	72	5.10

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.71)
- 2 - Constructs models using materials from surroundings and explains their working (28.29)
- 3 - Plots and interprets graphs (33.38)
- 4 - Explains processes and phenomenon (36.78)
- 5 - Relates processes and phenomenon with causes (37.59)