



District Report Card: 2017


State: Maharashtra	District: Yavatmal
Class: 8	Subject: Science
Schools: 51	Students: 1272


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	628	49.37	644	50.63

AREA 	Rural		Urban	
	Number	%	Number	%
	702	55.19	570	44.81

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	148	11.64	275	21.62	610	47.96	239	18.79

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	12	0	0	3	21

Management 	Government		Government-aided	
	Number	%	Number	%
	110	8.65	1162	91.35

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
33.82	33.77	33.86	35.33	31.95	33.94	33.80	36.22	36.36	33.14	31.13

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.07
SCI704	Conducts simple investigation to seek answers to queries	24.46
SCI705	Relates processes and phenomenon with causes	33.21
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	36.16
SCI710	Plots and interprets graphs	26.30
SCI711	Constructs models using materials from surroundings and explains their working	30.24
SCI801	Differentiates materials, organism and processes	32.22
SCI804	Relates processes and phenomenon with causes	44.88
SCI805	Explains processes and phenomenon	35.25
SCI807	Measures angles of incidence and reflection, etc.	37.03
SCI811	Applies learning of scientific concepts in day-to-day life	29.75
SCI813	Makes efforts to protect environment	49.53

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
655	51.49	343	26.97	238	18.71	36	2.83

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (24.46)
- 2 - Plots and interprets graphs (26.30)
- 3 - Applies learning of scientific concepts in day-to-day life (29.75)
- 4 - Constructs models using materials from surroundings and explains their working (30.24)
- 5 - Differentiates materials, organism and processes (32.22)