



District Report Card: 2017


State: Maharashtra	District: Satara
Class: 8	Subject: Science
Schools: 51	Students: 1388


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	707	50.94	681	49.06

AREA 	Rural		Urban	
	Number	%	Number	%
	1046	75.36	342	24.64

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	195	14.05	31	2.23	452	32.56	710	51.15

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	3	1	0	2	37

Management 	Government		Government-aided	
	Number	%	Number	%
	58	4.18	1330	95.82

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.66	39.85	41.51	40.96	39.77	37.47	40.80	39.08	38.06	40.53	41.30

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.74
SCI704	Conducts simple investigation to seek answers to queries	23.44
SCI705	Relates processes and phenomenon with causes	37.13
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	49.28
SCI710	Plots and interprets graphs	32.42
SCI711	Constructs models using materials from surroundings and explains their working	35.16
SCI801	Differentiates materials, organism and processes	45.43
SCI804	Relates processes and phenomenon with causes	44.81
SCI805	Explains processes and phenomenon	36.46
SCI807	Measures angles of incidence and reflection, etc.	49.71
SCI811	Applies learning of scientific concepts in day-to-day life	36.08
SCI813	Makes efforts to protect environment	65.56

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
453	32.64	516	37.18	351	25.29	68	4.90

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (23.44)
- 2 - Plots and interprets graphs (32.42)
- 3 - Constructs models using materials from surroundings and explains their working (35.16)
- 4 - Applies learning of scientific concepts in day-to-day life (36.08)
- 5 - Explains processes and phenomenon (36.46)