



District Report Card: 2017


State: Maharashtra	District: Sangli
Class: 8	Subject: Science
Schools: 51	Students: 1411


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	780	55.28	631	44.72

AREA 	Rural		Urban	
	Number	%	Number	%
	1046	74.13	365	25.87

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	244	17.29	4	0.28	528	37.42	635	45.00

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	21	4	0	3	22

Management 	Government		Government-aided	
	Number	%	Number	%
	17	1.20	1394	98.80

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.71	41.81	39.34	38.48	47.09	62.35	40.44	38.09	35.00	41.83	40.82

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.22
SCI704	Conducts simple investigation to seek answers to queries	30.50
SCI705	Relates processes and phenomenon with causes	37.68
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	47.34
SCI710	Plots and interprets graphs	30.27
SCI711	Constructs models using materials from surroundings and explains their working	32.25
SCI801	Differentiates materials, organism and processes	37.63
SCI804	Relates processes and phenomenon with causes	45.69
SCI805	Explains processes and phenomenon	38.35
SCI807	Measures angles of incidence and reflection, etc.	40.40
SCI811	Applies learning of scientific concepts in day-to-day life	39.31
SCI813	Makes efforts to protect environment	73.64

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
490	34.73	517	36.64	302	21.40	102	7.23

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (30.27)
- 2 - Conducts simple investigation to seek answers to queries (30.50)
- 3 - Constructs models using materials from surroundings and explains their working (32.25)
- 4 - Differentiates materials, organism and processes (37.63)
- 5 - Relates processes and phenomenon with causes (37.68)