



District Report Card: 2017


State: Maharashtra	District: Ratnagiri
Class: 8	Subject: Science
Schools: 51	Students: 1418


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	726	51.20	692	48.80

AREA 	Rural		Urban	
	Number	%	Number	%
	1168	82.37	250	17.63

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	124	8.74	10	0.71	888	62.62	396	27.93

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	6	28	1	9	36

Management 	Government		Government-aided	
	Number	%	Number	%
	32	2.26	1386	97.74

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
42.20	42.85	41.52	43.26	37.25	48.75	42.05	44.25	38.67	42.08	41.92

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.18
SCI704	Conducts simple investigation to seek answers to queries	32.56
SCI705	Relates processes and phenomenon with causes	36.49
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	46.40
SCI710	Plots and interprets graphs	35.27
SCI711	Constructs models using materials from surroundings and explains their working	30.98
SCI801	Differentiates materials, organism and processes	38.27
SCI804	Relates processes and phenomenon with causes	48.96
SCI805	Explains processes and phenomenon	41.60
SCI807	Measures angles of incidence and reflection, etc.	50.49
SCI811	Applies learning of scientific concepts in day-to-day life	39.62
SCI813	Makes efforts to protect environment	73.62

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
439	30.96	551	38.86	325	22.92	103	7.26

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (30.98)
- 2 - Conducts simple investigation to seek answers to queries (32.56)
- 3 - Plots and interprets graphs (35.27)
- 4 - Relates processes and phenomenon with causes (36.49)
- 5 - Differentiates materials, organism and processes (38.27)