



District Report Card: 2017


State: Maharashtra	District: Raigarh (maharashtra)
Class: 8	Subject: Science
Schools: 51	Students: 1426


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	771	54.07	655	45.93

AREA 	Rural		Urban	
	Number	%	Number	%
	1081	75.81	345	24.19

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	93	6.52	252	17.67	545	38.22	536	37.59

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	6	1	4	2	34

Management 	Government		Government-aided	
	Number	%	Number	%
	114	7.99	1312	92.01

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.63	39.49	41.96	41.73	37.16	32.87	41.30	45.16	37.75	43.56	38.21

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.07
SCI704	Conducts simple investigation to seek answers to queries	27.79
SCI705	Relates processes and phenomenon with causes	39.43
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	43.76
SCI710	Plots and interprets graphs	31.82
SCI711	Constructs models using materials from surroundings and explains their working	35.23
SCI801	Differentiates materials, organism and processes	40.23
SCI804	Relates processes and phenomenon with causes	49.57
SCI805	Explains processes and phenomenon	40.55
SCI807	Measures angles of incidence and reflection, etc.	42.85
SCI811	Applies learning of scientific concepts in day-to-day life	38.98
SCI813	Makes efforts to protect environment	61.92

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
522	36.61	451	31.63	330	23.14	123	8.63

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.79)
- 2 - Plots and interprets graphs (31.82)
- 3 - Constructs models using materials from surroundings and explains their working (35.23)
- 4 - Applies learning of scientific concepts in day-to-day life (38.98)
- 5 - Relates processes and phenomenon with causes (39.43)