



District Report Card: 2017


State: Maharashtra	District: Chandrapur
Class: 8	Subject: Science
Schools: 51	Students: 1327


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	699	52.68	628	47.32

AREA 	Rural		Urban	
	Number	%	Number	%
	973	73.32	354	26.68

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	175	13.19	354	26.68	654	49.28	144	10.85

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	12	4	0	15	17

Management 	Government		Government-aided	
	Number	%	Number	%
	132	9.95	1195	90.05

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
31.95	34.44	29.18	34.55	24.82	27.07	32.49	29.07	30.64	32.66	35.46

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.43
SCI704	Conducts simple investigation to seek answers to queries	27.94
SCI705	Relates processes and phenomenon with causes	30.95
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	31.57
SCI710	Plots and interprets graphs	20.40
SCI711	Constructs models using materials from surroundings and explains their working	30.29
SCI801	Differentiates materials, organism and processes	31.92
SCI804	Relates processes and phenomenon with causes	41.40
SCI805	Explains processes and phenomenon	31.40
SCI807	Measures angles of incidence and reflection, etc.	36.47
SCI811	Applies learning of scientific concepts in day-to-day life	29.22
SCI813	Makes efforts to protect environment	41.30

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
726	54.71	378	28.49	163	12.28	60	4.52

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (20.40)
- 2 - Conducts simple investigation to seek answers to queries (27.94)
- 3 - Applies learning of scientific concepts in day-to-day life (29.22)
- 4 - Constructs models using materials from surroundings and explains their working (30.29)
- 5 - Relates processes and phenomenon with causes (30.95)