



District Report Card: 2017


State: Maharashtra	District: Pune
Class: 8	Subject: Science
Schools: 51	Students: 1390


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	706	50.79	684	49.21

AREA 	Rural		Urban	
	Number	%	Number	%
	582	41.87	808	58.13

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	287	20.65	91	6.55	331	23.81	681	48.99

CWSN 	LD	VI	HI	S&LD	ID	Oth
	0	34	0	2	0	1

Management 	Government		Government-aided	
	Number	%	Number	%
	32	2.30	1358	97.70

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.47	38.69	34.17	35.40	37.24	26.46	36.70	33.29	36.48	38.33	36.90

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.36
SCI704	Conducts simple investigation to seek answers to queries	25.97
SCI705	Relates processes and phenomenon with causes	33.09
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	39.57
SCI710	Plots and interprets graphs	33.96
SCI711	Constructs models using materials from surroundings and explains their working	27.72
SCI801	Differentiates materials, organism and processes	36.02
SCI804	Relates processes and phenomenon with causes	43.69
SCI805	Explains processes and phenomenon	34.43
SCI807	Measures angles of incidence and reflection, etc.	39.86
SCI811	Applies learning of scientific concepts in day-to-day life	34.04
SCI813	Makes efforts to protect environment	57.05

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
561	40.36	543	39.06	240	17.27	46	3.31

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (25.97)
- 2 - Constructs models using materials from surroundings and explains their working (27.72)
- 3 - Relates processes and phenomenon with causes (33.09)
- 4 - Plots and interprets graphs (33.96)
- 5 - Applies learning of scientific concepts in day-to-day life (34.04)