



District Report Card: 2017


State: Himachal Pradesh	District: Mandi
Class: 8	Subject: Science
Schools: 50	Students: 982


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	453	46.13	529	53.87

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	960	97.76	22	2.24

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	403	41.04	14	1.43	47	4.79	518	52.75

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	1	1	0	2	1

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	982	100.00	0	0.00

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
47.56	47.79	47.37	47.87	34.24	47.56	0.00	44.96	47.14	47.38	49.61

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.49
SCI704	Conducts simple investigation to seek answers to queries	35.28
SCI705	Relates processes and phenomenon with causes	38.40
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	47.66
SCI710	Plots and interprets graphs	46.33
SCI711	Constructs models using materials from surroundings and explains their working	36.33
SCI801	Differentiates materials, organism and processes	69.93
SCI804	Relates processes and phenomenon with causes	63.27
SCI805	Explains processes and phenomenon	36.77
SCI807	Measures angles of incidence and reflection, etc.	40.53
SCI811	Applies learning of scientific concepts in day-to-day life	47.15
SCI813	Makes efforts to protect environment	68.23

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
202	20.57	362	36.86	319	32.48	99	10.08

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (35.28)
- 2 - Constructs models using materials from surroundings and explains their working (36.33)
- 3 - Explains processes and phenomenon (36.77)
- 4 - Relates processes and phenomenon with causes (38.40)
- 5 - Classifies materials and organisms based on properties/characteristics (40.49)