



### District Report Card: 2017


<b>State:</b> Himachal Pradesh	<b>District:</b> Shimla
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 896


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys			Girls		
	Number		%	Number		%
	450		50.22	446		49.78

<div>AREA</div> <div></div>	Rural			Urban		
	Number		%	Number		%
	780		87.05	116		12.95

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	343	38.28	21	2.34	2	0.22	530	59.15

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	3	0	1	3	3

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	871		97.21	25		2.79

### Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>46.90</b>	<b>48.13</b>	<b>45.67</b>	<b>47.07</b>	<b>45.80</b>	<b>46.54</b>	<b>59.47</b>	<b>46.18</b>	<b>49.21</b>	<b>43.33</b>	<b>47.30</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.52
SCI704	Conducts simple investigation to seek answers to queries	33.81
SCI705	Relates processes and phenomenon with causes	42.30
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	42.19
SCI710	Plots and interprets graphs	40.13
SCI711	Constructs models using materials from surroundings and explains their working	21.26
SCI801	Differentiates materials, organism and processes	71.95
SCI804	Relates processes and phenomenon with causes	53.80
SCI805	Explains processes and phenomenon	38.99
SCI807	Measures angles of incidence and reflection, etc.	48.33
SCI811	Applies learning of scientific concepts in day-to-day life	46.57
SCI813	Makes efforts to protect environment	68.64

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
196	21.88	317	35.38	314	35.04	69	7.70

### Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (21.26)
- 2 - Conducts simple investigation to seek answers to queries (33.81)
- 3 - Classifies materials and organisms based on properties/characteristics (35.52)
- 4 - Explains processes and phenomenon (38.99)
- 5 - Plots and interprets graphs (40.13)