



### District Report Card: 2017


<b>State:</b> Uttarakhand	<b>District:</b> Nainital
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1153


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	526		45.62		627		54.38	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	896		77.71		257		22.29	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	402	34.87	4	0.35	176	15.26	571	49.52

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

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	984		85.34	169		14.66

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
44.37	44.33	44.39	45.91	38.99	44.75	42.13	43.30	31.67	43.52	45.46

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.36
SCI704	Conducts simple investigation to seek answers to queries	21.92
SCI705	Relates processes and phenomenon with causes	41.45
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	39.29
SCI710	Plots and interprets graphs	33.79
SCI711	Constructs models using materials from surroundings and explains their working	29.35
SCI801	Differentiates materials, organism and processes	56.77
SCI804	Relates processes and phenomenon with causes	45.73
SCI805	Explains processes and phenomenon	36.10
SCI807	Measures angles of incidence and reflection, etc.	44.58
SCI811	Applies learning of scientific concepts in day-to-day life	50.60
SCI813	Makes efforts to protect environment	72.77

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
279	24.20	454	39.38	340	29.49	80	6.94

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (21.92)
- 2 - Constructs models using materials from surroundings and explains their working (29.35)
- 3 - Plots and interprets graphs (33.79)
- 4 - Explains processes and phenomenon (36.10)
- 5 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (39.29)