



District Report Card: 2017


State: Uttarakhand	District: Dehradun
Class: 8	Subject: Science
Schools: 51	Students: 1168


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	491		42.04		677		57.96	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	795		68.07		373		31.93	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	307	26.28	161	13.78	399	34.16	301	25.77

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	0	0	3	5	1

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	854		73.12	314		26.88

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
46.97	44.98	48.42	47.69	45.45	48.90	41.74	43.97	43.11	49.74	48.44

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	45.01
SCI704	Conducts simple investigation to seek answers to queries	23.58
SCI705	Relates processes and phenomenon with causes	44.03
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	46.58
SCI710	Plots and interprets graphs	41.32
SCI711	Constructs models using materials from surroundings and explains their working	36.63
SCI801	Differentiates materials, organism and processes	61.64
SCI804	Relates processes and phenomenon with causes	55.21
SCI805	Explains processes and phenomenon	38.24
SCI807	Measures angles of incidence and reflection, etc.	47.95
SCI811	Applies learning of scientific concepts in day-to-day life	49.97
SCI813	Makes efforts to protect environment	69.35

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
263	22.52	413	35.36	364	31.16	128	10.96

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (23.58)
- 2 - Constructs models using materials from surroundings and explains their working (36.63)
- 3 - Explains processes and phenomenon (38.24)
- 4 - Plots and interprets graphs (41.32)
- 5 - Relates processes and phenomenon with causes (44.03)