



### District Report Card: 2017


<b>State:</b> Sikkim	<b>District:</b> North Sikkim
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 27	<b>Students:</b> 469


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	216		46.06		253		53.94	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	453		96.59		16		3.41	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	19	4.05	353	75.27	63	13.43	34	7.25

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	2	0	4	2	3

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	404		86.14	65		13.86

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.78	37.19	38.29	37.79	37.50	38.15	35.49	33.33	38.09	37.04	38.43

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.43
SCI704	Conducts simple investigation to seek answers to queries	28.85
SCI705	Relates processes and phenomenon with causes	37.48
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	26.44
SCI710	Plots and interprets graphs	25.11
SCI711	Constructs models using materials from surroundings and explains their working	20.35
SCI801	Differentiates materials, organism and processes	58.97
SCI804	Relates processes and phenomenon with causes	63.20
SCI805	Explains processes and phenomenon	31.12
SCI807	Measures angles of incidence and reflection, etc.	37.53
SCI811	Applies learning of scientific concepts in day-to-day life	30.35
SCI813	Makes efforts to protect environment	52.88

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
169	36.03	192	40.94	99	21.11	9	1.92

### Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (20.35)
- 2 - Plots and interprets graphs (25.11)
- 3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (26.44)
- 4 - Conducts simple investigation to seek answers to queries (28.85)
- 5 - Applies learning of scientific concepts in day-to-day life (30.35)