



District Report Card: 2017


State: Sikkim	District: East Sikkim
Class: 8	Subject: Science
Schools: 92	Students: 2035


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	981	48.21	1054	51.79

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1645	80.84	390	19.16

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	187	9.19	614	30.17	898	44.13	336	16.51

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1941	95.38	94	4.62

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.36	36.26	38.38	37.69	35.97	37.42	36.10	33.73	36.92	38.78	36.37

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.78
SCI704	Conducts simple investigation to seek answers to queries	31.72
SCI705	Relates processes and phenomenon with causes	39.07
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	26.04
SCI710	Plots and interprets graphs	26.64
SCI711	Constructs models using materials from surroundings and explains their working	21.47
SCI801	Differentiates materials, organism and processes	56.24
SCI804	Relates processes and phenomenon with causes	50.50
SCI805	Explains processes and phenomenon	33.03
SCI807	Measures angles of incidence and reflection, etc.	39.16
SCI811	Applies learning of scientific concepts in day-to-day life	28.19
SCI813	Makes efforts to protect environment	50.81

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
722	35.48	855	42.01	398	19.56	60	2.95

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (21.47)
- 2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (26.04)
- 3 - Plots and interprets graphs (26.64)
- 4 - Applies learning of scientific concepts in day-to-day life (28.19)
- 5 - Conducts simple investigation to seek answers to queries (31.72)