NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING
NATIONAL ACHIEVEMENT SURVEY - NAS
(Survey of Learning Outcomes)

District Report Card: 2017	
State: Sikkim	**District:** West Sikkim
Class: 8	**Subject:** Science
Schools: 63	**Students:** 1402

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	660	47.08	742	52.92

AREA	Rural		Urban	
	Number	%	Number	%
	1344	95.86	58	4.14

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	96	6.85	629	44.86	531	37.87	146	10.41

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	3	1	2	8	23

Management	Government		Government-aided	
	Number	%	Number	%
	1376	98.15	26	1.85

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.99	37.32	36.68	36.59	46.21	37.03	34.87	38.33	36.00	37.66	37.85

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.54
SCI704	Conducts simple investigation to seek answers to queries	31.87
SCI705	Relates processes and phenomenon with causes	35.32
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	25.04
SCI710	Plots and interprets graphs	23.47
SCI711	Constructs models using materials from surroundings and explains their working	25.66
SCI801	Differentiates materials, organism and processes	55.95
SCI804	Relates processes and phenomenon with causes	57.29
SCI805	Explains processes and phenomenon	32.53
SCI807	Measures angles of incidence and reflection, etc.	38.87
SCI811	Applies learning of scientific concepts in day-to-day life	29.89
SCI813	Makes efforts to protect environment	47.36

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
511	36.45	581	41.44	294	20.97	16	1.14

Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (23.47)

2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (25.04)

3 - Constructs models using materials from surroundings and explains their working (25.66)

4 - Applies learning of scientific concepts in day-to-day life (29.89)

5 - Conducts simple investigation to seek answers to queries (31.87)

CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.