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

Government of India
MHRD

NCERT

District Report Card: 2017	
State: Meghalaya	**District:** South West Khasi Hills
Class: 8	**Subject:** Science
Schools: 49	**Students:** 722

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	374	51.80	348	48.20

AREA	Rural		Urban	
	Number	%	Number	%
	722	100.00	0	0.00

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	0	0.00	722	100.00	0	0.00	0	0.00

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	0	0	0	0	0

Management	Government		Government-aided	
	Number	%	Number	%
	30	4.16	692	95.84

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
38.48	37.63	39.39	38.48	0.00	34.00	38.67	0.00	38.48	0.00	0.00

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	48.63
SCI704	Conducts simple investigation to seek answers to queries	34.17
SCI705	Relates processes and phenomenon with causes	36.78
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	33.80
SCI710	Plots and interprets graphs	27.30
SCI711	Constructs models using materials from surroundings and explains their working	29.19
SCI801	Differentiates materials, organism and processes	45.21
SCI804	Relates processes and phenomenon with causes	50.54
SCI805	Explains processes and phenomenon	37.52
SCI807	Measures angles of incidence and reflection, etc.	36.43
SCI811	Applies learning of scientific concepts in day-to-day life	31.38
SCI813	Makes efforts to protect environment	48.34

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
270	37.40	260	36.01	156	21.61	36	4.99

Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (27.30)

2 - Constructs models using materials from surroundings and explains their working (29.19)

3 - Applies learning of scientific concepts in day-to-day life (31.38)

4 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (33.80)

5 - Conducts simple investigation to seek answers to queries (34.17)

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

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