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

District Report Card: 2017	
State: Meghalaya	**District:** South West Garo Hills
Class: 8	**Subject:** Science
Schools: 51	**Students:** 841

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	383	45.54	458	54.46

AREA	Rural		Urban	
	Number	%	Number	%
	789	93.82	52	6.18

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	5	0.59	724	86.09	8	0.95	104	12.37

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	0	1	0	1	0

Management	Government		Government-aided	
	Number	%	Number	%
	247	29.37	594	70.63

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
33.63	32.39	34.67	33.82	30.77	37.60	31.99	33.33	32.74	30.00	40.13

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.90
SCI704	Conducts simple investigation to seek answers to queries	29.21
SCI705	Relates processes and phenomenon with causes	31.50
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	35.67
SCI710	Plots and interprets graphs	29.85
SCI711	Constructs models using materials from surroundings and explains their working	27.91
SCI801	Differentiates materials, organism and processes	37.60
SCI804	Relates processes and phenomenon with causes	41.75
SCI805	Explains processes and phenomenon	31.42
SCI807	Measures angles of incidence and reflection, etc.	38.41
SCI811	Applies learning of scientific concepts in day-to-day life	29.79
SCI813	Makes efforts to protect environment	33.29

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
410	48.75	298	35.43	113	13.44	20	2.38

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (27.91)

2 - Conducts simple investigation to seek answers to queries (29.21)

3 - Applies learning of scientific concepts in day-to-day life (29.79)

4 - Plots and interprets graphs (29.85)

5 - Explains processes and phenomenon (31.42)

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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