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

District Report Card: 2017	
State: Meghalaya	**District:** West Garo Hills
Class: 8	**Subject:** Science
Schools: 51	**Students:** 901

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	385	42.73	516	57.27

AREA	Rural		Urban	
	Number	%	Number	%
	620	68.81	281	31.19

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	31	3.44	753	83.57	22	2.44	95	10.54

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	0	2	1	11	5

Management	Government		Government-aided	
	Number	%	Number	%
	192	21.31	709	78.69

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
31.42	31.22	31.58	31.96	30.25	35.87	30.22	31.61	30.20	37.58	39.65

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.93
SCI704	Conducts simple investigation to seek answers to queries	35.04
SCI705	Relates processes and phenomenon with causes	29.84
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	25.75
SCI710	Plots and interprets graphs	25.98
SCI711	Constructs models using materials from surroundings and explains their working	25.11
SCI801	Differentiates materials, organism and processes	40.40
SCI804	Relates processes and phenomenon with causes	39.74
SCI805	Explains processes and phenomenon	29.32
SCI807	Measures angles of incidence and reflection, etc.	30.30
SCI811	Applies learning of scientific concepts in day-to-day life	26.19
SCI813	Makes efforts to protect environment	23.64

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
504	55.94	275	30.52	92	10.21	30	3.33

Lowest Performing Learning Outcomes (LOs)

1 - Makes efforts to protect environment (23.64)

2 - Constructs models using materials from surroundings and explains their working (25.11)

3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (25.75)

4 - Plots and interprets graphs (25.98)

5 - Applies learning of scientific concepts in day-to-day life (26.19)

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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