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

District Report Card: 2017	
State: Meghalaya	**District:** Ri Bhoi
Class: 8	**Subject:** Science
Schools: 50	**Students:** 969

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	419	43.24	550	56.76

AREA	Rural		Urban	
	Number	%	Number	%
	810	83.59	159	16.41

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	19	1.96	900	92.88	25	2.58	25	2.58

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	1	0	0	0	4

Management	Government		Government-aided	
	Number	%	Number	%
	66	6.81	903	93.19

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
33.48	33.25	33.65	33.37	34.05	28.69	33.83	32.98	32.90	49.60	38.67

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.37
SCI704	Conducts simple investigation to seek answers to queries	37.38
SCI705	Relates processes and phenomenon with causes	31.69
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	19.92
SCI710	Plots and interprets graphs	26.41
SCI711	Constructs models using materials from surroundings and explains their working	21.37
SCI801	Differentiates materials, organism and processes	42.48
SCI804	Relates processes and phenomenon with causes	45.36
SCI805	Explains processes and phenomenon	32.25
SCI807	Measures angles of incidence and reflection, etc.	29.10
SCI811	Applies learning of scientific concepts in day-to-day life	26.72
SCI813	Makes efforts to protect environment	40.35

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
432	44.58	397	40.97	121	12.49	19	1.96

Lowest Performing Learning Outcomes (LOs)

1 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (19.92)

2 - Constructs models using materials from surroundings and explains their working (21.37)

3 - Plots and interprets graphs (26.41)

4 - Applies learning of scientific concepts in day-to-day life (26.72)

5 - Measures angles of incidence and reflection, etc. (29.10)