



### District Report Card: 2017


<b>State:</b> Meghalaya	<b>District:</b> East Jaintia Hills
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 940


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	355	37.77	585	62.23

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	927	98.62	13	1.38

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	20	2.13	881	93.72	13	1.38	26	2.77

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	0	0	0	0	3

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	180	19.15	760	80.85

### Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.23	36.08	37.94	36.73	72.82	37.96	37.06	41.33	37.19	30.26	39.23

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	45.20
SCI704	Conducts simple investigation to seek answers to queries	38.82
SCI705	Relates processes and phenomenon with causes	38.89
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	31.81
SCI710	Plots and interprets graphs	33.61
SCI711	Constructs models using materials from surroundings and explains their working	27.52
SCI801	Differentiates materials, organism and processes	44.19
SCI804	Relates processes and phenomenon with causes	39.71
SCI805	Explains processes and phenomenon	31.62
SCI807	Measures angles of incidence and reflection, etc.	37.23
SCI811	Applies learning of scientific concepts in day-to-day life	29.55
SCI813	Makes efforts to protect environment	44.79

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
340	36.17	406	43.19	160	17.02	34	3.62

### Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (27.52)
- 2 - Applies learning of scientific concepts in day-to-day life (29.55)
- 3 - Explains processes and phenomenon (31.62)
- 4 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (31.81)
- 5 - Plots and interprets graphs (33.61)