



### District Report Card: 2017


<b>State:</b> Meghalaya	<b>District:</b> West Jaintia Hills
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 48	<b>Students:</b> 1035


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	431	41.64	604	58.36

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	748	72.27	287	27.73

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	2	0.19	1024	98.94	4	0.39	5	0.48

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	4	2	0	0	0

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	222	21.45	813	78.55

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
32.39	32.76	32.12	33.07	30.62	33.03	32.21	33.33	32.29	48.33	38.67

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.39
SCI704	Conducts simple investigation to seek answers to queries	33.51
SCI705	Relates processes and phenomenon with causes	29.76
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	16.43
SCI710	Plots and interprets graphs	25.72
SCI711	Constructs models using materials from surroundings and explains their working	20.15
SCI801	Differentiates materials, organism and processes	40.97
SCI804	Relates processes and phenomenon with causes	46.45
SCI805	Explains processes and phenomenon	33.51
SCI807	Measures angles of incidence and reflection, etc.	26.28
SCI811	Applies learning of scientific concepts in day-to-day life	25.53
SCI813	Makes efforts to protect environment	43.77

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
475	45.89	440	42.51	118	11.40	2	0.19

### 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. (16.43)
- 2 - Constructs models using materials from surroundings and explains their working (20.15)
- 3 - Applies learning of scientific concepts in day-to-day life (25.53)
- 4 - Plots and interprets graphs (25.72)
- 5 - Measures angles of incidence and reflection, etc. (26.28)