



District Report Card: 2017


State: Meghalaya	District: West Khasi Hills
Class: 8	Subject: Science
Schools: 51	Students: 815


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys			Girls			
	Number		%	Number		%	
	368		45.15	447		54.85	

<div>AREA</div> <div></div>	Rural			Urban			
	Number		%	Number		%	
	700		85.89	115		14.11	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	0	0.00	815	100.00	0	0.00	0	0.00

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	1	1	0	0	4

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	155		19.02	660		80.98

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
38.04	38.97	37.29	38.71	33.97	35.53	38.64	0.00	38.04	0.00	0.00

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.21
SCI704	Conducts simple investigation to seek answers to queries	37.54
SCI705	Relates processes and phenomenon with causes	35.26
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	33.74
SCI710	Plots and interprets graphs	38.06
SCI711	Constructs models using materials from surroundings and explains their working	27.11
SCI801	Differentiates materials, organism and processes	45.65
SCI804	Relates processes and phenomenon with causes	43.78
SCI805	Explains processes and phenomenon	35.26
SCI807	Measures angles of incidence and reflection, etc.	39.88
SCI811	Applies learning of scientific concepts in day-to-day life	31.50
SCI813	Makes efforts to protect environment	44.42

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
300	36.81	317	38.90	167	20.49	31	3.80

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (27.11)
- 2 - Applies learning of scientific concepts in day-to-day life (31.50)
- 3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (33.74)
- 4 - Relates processes and phenomenon with causes (35.26)
- 5 - Explains processes and phenomenon (35.26)