



District Report Card: 2017


State: Meghalaya	District: East Khasi Hills
Class: 8	Subject: Science
Schools: 51	Students: 1021


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	450	44.07	571	55.93

AREA 	Rural		Urban	
	Number	%	Number	%
	797	78.06	224	21.94

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	4	0.39	951	93.14	7	0.69	59	5.78

CWSN 	LD	VI	HI	S&LD	ID	Oth
	0	1	2	1	1	0

Management 	Government		Government-aided	
	Number	%	Number	%
	268	26.25	753	73.75

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.90	38.39	37.51	36.04	44.52	36.44	38.42	53.33	38.15	36.19	32.99

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	46.42
SCI704	Conducts simple investigation to seek answers to queries	35.21
SCI705	Relates processes and phenomenon with causes	33.33
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	26.44
SCI710	Plots and interprets graphs	35.40
SCI711	Constructs models using materials from surroundings and explains their working	23.40
SCI801	Differentiates materials, organism and processes	46.02
SCI804	Relates processes and phenomenon with causes	54.20
SCI805	Explains processes and phenomenon	36.19
SCI807	Measures angles of incidence and reflection, etc.	36.34
SCI811	Applies learning of scientific concepts in day-to-day life	29.53
SCI813	Makes efforts to protect environment	57.20

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
369	36.14	435	42.61	189	18.51	28	2.74

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (23.40)
- 2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (26.44)
- 3 - Applies learning of scientific concepts in day-to-day life (29.53)
- 4 - Relates processes and phenomenon with causes (33.33)
- 5 - Conducts simple investigation to seek answers to queries (35.21)