



### District Report Card: 2017


<b>State:</b> Mizoram	<b>District:</b> Champhai
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 54	<b>Students:</b> 866


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	436	50.35	430	49.65

 AREA	Rural		Urban	
	Number	%	Number	%
	546	63.05	320	36.95

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	0	0.00	866	100.00	0	0.00	0	0.00

 CWSN	LD	VI	HI	S&LD	ID	Oth
	1	7	1	2	0	0

 Management	Government		Government-aided	
	Number	%	Number	%
	809	93.42	57	6.58

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
34.48	33.00	35.98	32.74	37.46	34.47	34.62	0.00	34.48	0.00	0.00

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.12
SCI704	Conducts simple investigation to seek answers to queries	26.91
SCI705	Relates processes and phenomenon with causes	31.84
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	33.37
SCI710	Plots and interprets graphs	28.28
SCI711	Constructs models using materials from surroundings and explains their working	28.28
SCI801	Differentiates materials, organism and processes	51.32
SCI804	Relates processes and phenomenon with causes	44.37
SCI805	Explains processes and phenomenon	35.24
SCI807	Measures angles of incidence and reflection, etc.	32.79
SCI811	Applies learning of scientific concepts in day-to-day life	26.35
SCI813	Makes efforts to protect environment	30.72

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
402	46.42	305	35.22	133	15.36	26	3.00

### Lowest Performing Learning Outcomes (LOs)

- 1 - Applies learning of scientific concepts in day-to-day life (26.35)
- 2 - Conducts simple investigation to seek answers to queries (26.91)
- 3 - Plots and interprets graphs (28.28)
- 4 - Constructs models using materials from surroundings and explains their working (28.28)
- 5 - Makes efforts to protect environment (30.72)