



### District Report Card: 2017


<b>State:</b> Mizoram	<b>District:</b> Mamit
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 44	<b>Students:</b> 574


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	304	52.96	270	47.04

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	509	88.68	65	11.32

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	1	0.17	573	99.83	0	0.00	0	0.00

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	3	11	2	0	0	7

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	502	87.46	72	12.54

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
32.16	32.28	32.02	32.44	29.95	32.63	28.89	66.67	32.10	0.00	0.00

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.79
SCI704	Conducts simple investigation to seek answers to queries	34.34
SCI705	Relates processes and phenomenon with causes	29.00
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	26.83
SCI710	Plots and interprets graphs	28.32
SCI711	Constructs models using materials from surroundings and explains their working	26.92
SCI801	Differentiates materials, organism and processes	43.80
SCI804	Relates processes and phenomenon with causes	38.46
SCI805	Explains processes and phenomenon	30.28
SCI807	Measures angles of incidence and reflection, etc.	31.18
SCI811	Applies learning of scientific concepts in day-to-day life	25.80
SCI813	Makes efforts to protect environment	28.40

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
277	48.26	219	38.15	73	12.72	5	0.87

### Lowest Performing Learning Outcomes (LOs)

- 1 - Applies learning of scientific concepts in day-to-day life (25.80)
- 2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (26.83)
- 3 - Constructs models using materials from surroundings and explains their working (26.92)
- 4 - Plots and interprets graphs (28.32)
- 5 - Makes efforts to protect environment (28.40)