



### District Report Card: 2017


<b>State:</b> Mizoram	<b>District:</b> Aizawl
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 50	<b>Students:</b> 709


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	336	47.39	373	52.61

 AREA	Rural		Urban	
	Number	%	Number	%
	264	37.24	445	62.76

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	0	0.00	697	98.31	10	1.41	2	0.28

 CWSN	LD	VI	HI	S&LD	ID	Oth
	1	0	0	1	3	3

 Management	Government		Government-aided	
	Number	%	Number	%
	564	79.55	145	20.45

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
32.64	32.48	32.78	32.42	32.76	30.86	39.54	0.00	32.43	46.00	36.67

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.61
SCI704	Conducts simple investigation to seek answers to queries	29.39
SCI705	Relates processes and phenomenon with causes	27.51
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	28.77
SCI710	Plots and interprets graphs	20.40
SCI711	Constructs models using materials from surroundings and explains their working	23.51
SCI801	Differentiates materials, organism and processes	48.76
SCI804	Relates processes and phenomenon with causes	43.63
SCI805	Explains processes and phenomenon	33.52
SCI807	Measures angles of incidence and reflection, etc.	32.58
SCI811	Applies learning of scientific concepts in day-to-day life	23.02
SCI813	Makes efforts to protect environment	35.97

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
339	47.81	281	39.63	80	11.28	9	1.27

### Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (20.40)
- 2 - Applies learning of scientific concepts in day-to-day life (23.02)
- 3 - Constructs models using materials from surroundings and explains their working (23.51)
- 4 - Relates processes and phenomenon with causes (27.51)
- 5 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (28.77)