



**District Report Card: 2017**


<b>State:</b> Nagaland	<b>District:</b> Mokokchung
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 54	<b>Students:</b> 651


**Participation/Coverage**


**Students**

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	292	44.85	359	55.15

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	383	58.83	268	41.17

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	1	0.15	634	97.39	7	1.08	9	1.38

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	0	0	0	0	0	0

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	651	100.00	0	0.00

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
43.04	43.20	42.92	49.21	34.23	43.04	0.00	33.33	43.27	45.71	25.93

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	50.72
SCI704	Conducts simple investigation to seek answers to queries	36.95
SCI705	Relates processes and phenomenon with causes	42.37
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	25.65
SCI710	Plots and interprets graphs	31.38
SCI711	Constructs models using materials from surroundings and explains their working	38.46
SCI801	Differentiates materials, organism and processes	56.26
SCI804	Relates processes and phenomenon with causes	60.92
SCI805	Explains processes and phenomenon	38.49
SCI807	Measures angles of incidence and reflection, etc.	41.17
SCI811	Applies learning of scientific concepts in day-to-day life	38.61
SCI813	Makes efforts to protect environment	51.61

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
198	30.41	236	36.25	164	25.19	53	8.14

### Lowest Performing Learning Outcomes (LOs)

- 1 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (25.65)
- 2 - Plots and interprets graphs (31.38)
- 3 - Conducts simple investigation to seek answers to queries (36.95)
- 4 - Constructs models using materials from surroundings and explains their working (38.46)
- 5 - Explains processes and phenomenon (38.49)