



### District Report Card: 2017


<b>State:</b> Arunachal Pradesh	<b>District:</b> Longding
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 13	<b>Students:</b> 321


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	175	54.52	146	45.48

 AREA	Rural		Urban	
	Number	%	Number	%
	293	91.28	28	8.72

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	0	0.00	320	99.69	0	0.00	1	0.31

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

 Management	Government		Government-aided	
	Number	%	Number	%
	321	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
40.17	40.23	40.09	40.68	34.76	40.17	0.00	0.00	40.21	0.00	26.67

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	49.07
SCI704	Conducts simple investigation to seek answers to queries	38.28
SCI705	Relates processes and phenomenon with causes	38.28
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	33.33
SCI710	Plots and interprets graphs	31.10
SCI711	Constructs models using materials from surroundings and explains their working	37.20
SCI801	Differentiates materials, organism and processes	51.77
SCI804	Relates processes and phenomenon with causes	45.12
SCI805	Explains processes and phenomenon	39.75
SCI807	Measures angles of incidence and reflection, etc.	33.96
SCI811	Applies learning of scientific concepts in day-to-day life	35.73
SCI813	Makes efforts to protect environment	37.07

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
110	34.27	121	37.69	73	22.74	17	5.30

## Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (31.10)

2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (33.33)

3 - Measures angles of incidence and reflection, etc. (33.96)

4 - Applies learning of scientific concepts in day-to-day life (35.73)

5 - Makes efforts to protect environment (37.07)