



**District Report Card: 2017**


<b>State:</b> Arunachal Pradesh	<b>District:</b> Tirap
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 37	<b>Students:</b> 570


**Participation/Coverage**


**Students**

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	279	48.95	291	51.05

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	356	62.46	214	37.54

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	6	1.05	521	91.40	11	1.93	32	5.61

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	1	0	0	0	0	6

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	512	89.82	58	10.18

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.33	33.93	38.63	38.09	33.40	33.50	61.26	44.44	36.89	27.88	28.54

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.69
SCI704	Conducts simple investigation to seek answers to queries	34.68
SCI705	Relates processes and phenomenon with causes	38.02
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	32.98
SCI710	Plots and interprets graphs	22.79
SCI711	Constructs models using materials from surroundings and explains their working	26.47
SCI801	Differentiates materials, organism and processes	48.20
SCI804	Relates processes and phenomenon with causes	39.71
SCI805	Explains processes and phenomenon	31.11
SCI807	Measures angles of incidence and reflection, etc.	38.42
SCI811	Applies learning of scientific concepts in day-to-day life	32.04
SCI813	Makes efforts to protect environment	34.91

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
228	40.00	222	38.95	97	17.02	23	4.04

### Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (22.79)
- 2 - Constructs models using materials from surroundings and explains their working (26.47)
- 3 - Explains processes and phenomenon (31.11)
- 4 - Applies learning of scientific concepts in day-to-day life (32.04)
- 5 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (32.98)