



### District Report Card: 2017


<b>State:</b> Arunachal Pradesh	<b>District:</b> Namsai
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 55	<b>Students:</b> 968


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	454		46.90		514		53.10	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	894		92.36		74		7.64	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	0	0.00	200	20.66	19	1.96	749	77.38

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	4	1	1	0	0

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	947	97.83	21	2.17

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
27.86	28.24	27.52	27.89	27.48	27.71	34.60	0.00	31.57	25.26	26.93

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	32.06
SCI704	Conducts simple investigation to seek answers to queries	25.12
SCI705	Relates processes and phenomenon with causes	27.37
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	26.76
SCI710	Plots and interprets graphs	19.06
SCI711	Constructs models using materials from surroundings and explains their working	20.56
SCI801	Differentiates materials, organism and processes	33.33
SCI804	Relates processes and phenomenon with causes	33.83
SCI805	Explains processes and phenomenon	26.75
SCI807	Measures angles of incidence and reflection, etc.	30.99
SCI811	Applies learning of scientific concepts in day-to-day life	27.80
SCI813	Makes efforts to protect environment	20.45

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
587	60.64	301	31.10	72	7.44	8	0.83

## Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (19.06)
- 2 - Makes efforts to protect environment (20.45)
- 3 - Constructs models using materials from surroundings and explains their working (20.56)
- 4 - Conducts simple investigation to seek answers to queries (25.12)
- 5 - Explains processes and phenomenon (26.75)