



### District Report Card: 2017


<b>State:</b> Nagaland	<b>District:</b> Phek
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 45	<b>Students:</b> 634


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	268	42.27	366	57.73

 AREA	Rural		Urban	
	Number	%	Number	%
	634	100.00	0	0.00

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	0	0.00	634	100.00	0	0.00	0	0.00

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

 Management	Government		Government-aided	
	Number	%	Number	%
	634	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
39.52	37.79	40.78	39.52	0.00	39.52	0.00	0.00	39.52	0.00	0.00

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.18
SCI704	Conducts simple investigation to seek answers to queries	38.99
SCI705	Relates processes and phenomenon with causes	34.33
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	34.38
SCI710	Plots and interprets graphs	35.88
SCI711	Constructs models using materials from surroundings and explains their working	34.55
SCI801	Differentiates materials, organism and processes	56.47
SCI804	Relates processes and phenomenon with causes	49.17
SCI805	Explains processes and phenomenon	33.71
SCI807	Measures angles of incidence and reflection, etc.	37.54
SCI811	Applies learning of scientific concepts in day-to-day life	32.03
SCI813	Makes efforts to protect environment	47.48

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
224	35.33	236	37.22	142	22.40	32	5.05

### Lowest Performing Learning Outcomes (LOs)

- 1 - Applies learning of scientific concepts in day-to-day life (32.03)
- 2 - Explains processes and phenomenon (33.71)
- 3 - Relates processes and phenomenon with causes (34.33)
- 4 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (34.38)
- 5 - Constructs models using materials from surroundings and explains their working (34.55)