



### District Report Card: 2017


<b>State:</b> Assam	<b>District:</b> Karbi Anglong
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 50	<b>Students:</b> 1123


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	543		48.35		580		51.65	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	914		81.39		209		18.61	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	133	11.84	639	56.90	319	28.41	32	2.85

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	2	1	5	0	1

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1023		91.10	100		8.90

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
47.27	47.03	47.49	47.88	44.63	46.99	50.13	54.14	46.50	47.04	36.46

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.47
SCI704	Conducts simple investigation to seek answers to queries	38.78
SCI705	Relates processes and phenomenon with causes	40.60
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	50.76
SCI710	Plots and interprets graphs	38.05
SCI711	Constructs models using materials from surroundings and explains their working	44.85
SCI801	Differentiates materials, organism and processes	56.94
SCI804	Relates processes and phenomenon with causes	54.04
SCI805	Explains processes and phenomenon	40.89
SCI807	Measures angles of incidence and reflection, etc.	52.00
SCI811	Applies learning of scientific concepts in day-to-day life	50.31
SCI813	Makes efforts to protect environment	54.41

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
307	27.34	313	27.87	355	31.61	148	13.18

### Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (38.05)
- 2 - Conducts simple investigation to seek answers to queries (38.78)
- 3 - Relates processes and phenomenon with causes (40.60)
- 4 - Explains processes and phenomenon (40.89)
- 5 - Classifies materials and organisms based on properties/characteristics (42.47)