



### District Report Card: 2017


<b>State:</b> Assam	<b>District:</b> Goalpara
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 49	<b>Students:</b> 1093


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	435	39.80	658	60.20

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1020	93.32	73	6.68

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	43	3.93	179	16.38	99	9.06	772	70.63

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	2	3	1	2	1	1

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	902	82.53	191	17.47

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
46.62	45.26	47.52	46.77	44.47	44.59	56.20	43.10	43.46	44.18	47.86

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.72
SCI704	Conducts simple investigation to seek answers to queries	39.11
SCI705	Relates processes and phenomenon with causes	40.70
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	49.13
SCI710	Plots and interprets graphs	39.31
SCI711	Constructs models using materials from surroundings and explains their working	34.55
SCI801	Differentiates materials, organism and processes	55.05
SCI804	Relates processes and phenomenon with causes	53.75
SCI805	Explains processes and phenomenon	39.96
SCI807	Measures angles of incidence and reflection, etc.	48.03
SCI811	Applies learning of scientific concepts in day-to-day life	47.56
SCI813	Makes efforts to protect environment	64.04

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
278	25.43	371	33.94	308	28.18	136	12.44

### Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (34.55)
- 2 - Conducts simple investigation to seek answers to queries (39.11)
- 3 - Plots and interprets graphs (39.31)
- 4 - Explains processes and phenomenon (39.96)
- 5 - Relates processes and phenomenon with causes (40.70)