



District Report Card: 2017


State: Assam	District: Barpeta
Class: 8	Subject: Science
Schools: 51	Students: 1210


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	544	44.96	666	55.04

AREA 	Rural		Urban	
	Number	%	Number	%
	1082	89.42	128	10.58

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	50	4.13	6	0.50	79	6.53	1075	88.84

CWSN 	LD	VI	HI	S&LD	ID	Oth
	0	3	1	2	1	9

Management 	Government		Government-aided	
	Number	%	Number	%
	911	75.29	299	24.71

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
54.05	55.33	53.00	54.95	46.41	54.44	52.87	43.07	41.11	47.59	55.11

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.63
SCI704	Conducts simple investigation to seek answers to queries	40.19
SCI705	Relates processes and phenomenon with causes	46.71
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	62.98
SCI710	Plots and interprets graphs	51.51
SCI711	Constructs models using materials from surroundings and explains their working	40.44
SCI801	Differentiates materials, organism and processes	65.78
SCI804	Relates processes and phenomenon with causes	53.02
SCI805	Explains processes and phenomenon	47.97
SCI807	Measures angles of incidence and reflection, etc.	66.53
SCI811	Applies learning of scientific concepts in day-to-day life	56.16
SCI813	Makes efforts to protect environment	69.17

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
183	15.12	334	27.60	505	41.74	188	15.54

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (40.19)
- 2 - Constructs models using materials from surroundings and explains their working (40.44)
- 3 - Classifies materials and organisms based on properties/characteristics (43.63)
- 4 - Relates processes and phenomenon with causes (46.71)
- 5 - Explains processes and phenomenon (47.97)