



District Report Card: 2017


State: Assam	District: Kamrup-metro
Class: 8	Subject: Science
Schools: 49	Students: 1175


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	560	47.66	615	52.34

 AREA	Rural		Urban	
	Number	%	Number	%
	378	32.17	797	67.83

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	272	23.15	156	13.28	238	20.26	509	43.32

 CWSN	LD	VI	HI	S&LD	ID	Oth
	0	1	25	4	0	1

 Management	Government		Government-aided	
	Number	%	Number	%
	933	79.40	242	20.60

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
50.06	50.57	49.59	52.52	48.89	49.93	50.55	49.14	51.11	49.24	50.61

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.07
SCI704	Conducts simple investigation to seek answers to queries	41.00
SCI705	Relates processes and phenomenon with causes	43.69
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	51.23
SCI710	Plots and interprets graphs	48.51
SCI711	Constructs models using materials from surroundings and explains their working	42.74
SCI801	Differentiates materials, organism and processes	63.34
SCI804	Relates processes and phenomenon with causes	49.50
SCI805	Explains processes and phenomenon	37.16
SCI807	Measures angles of incidence and reflection, etc.	58.89
SCI811	Applies learning of scientific concepts in day-to-day life	49.20
SCI813	Makes efforts to protect environment	72.68

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
229	19.49	390	33.19	402	34.21	154	13.11

Lowest Performing Learning Outcomes (LOs)

- 1 - Explains processes and phenomenon (37.16)
- 2 - Conducts simple investigation to seek answers to queries (41.00)
- 3 - Constructs models using materials from surroundings and explains their working (42.74)
- 4 - Classifies materials and organisms based on properties/characteristics (43.07)
- 5 - Relates processes and phenomenon with causes (43.69)