



District Report Card: 2017


State: West Bengal	District: Koch Bihar
Class: 8	Subject: Science
Schools: 51	Students: 1151


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	487	42.31	664	57.69

AREA 	Rural		Urban	
	Number	%	Number	%
	1041	90.44	110	9.56

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	674	58.56	6	0.52	335	29.11	136	11.82

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	0	0	3	2	12

Management 	Government		Government-aided	
	Number	%	Number	%
	186	16.16	965	83.84

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.39	40.27	35.27	37.25	38.67	33.94	38.05	36.56	22.22	38.33	39.85

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.66
SCI704	Conducts simple investigation to seek answers to queries	21.48
SCI705	Relates processes and phenomenon with causes	39.75
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	42.14
SCI710	Plots and interprets graphs	27.84
SCI711	Constructs models using materials from surroundings and explains their working	28.35
SCI801	Differentiates materials, organism and processes	51.22
SCI804	Relates processes and phenomenon with causes	44.65
SCI805	Explains processes and phenomenon	28.96
SCI807	Measures angles of incidence and reflection, etc.	34.40
SCI811	Applies learning of scientific concepts in day-to-day life	36.31
SCI813	Makes efforts to protect environment	52.91

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
435	37.79	442	38.40	231	20.07	43	3.74

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (21.48)
- 2 - Plots and interprets graphs (27.84)
- 3 - Constructs models using materials from surroundings and explains their working (28.35)
- 4 - Explains processes and phenomenon (28.96)
- 5 - Measures angles of incidence and reflection, etc. (34.40)