



District Report Card: 2017


State: Bihar	District: Samastipur
Class: 8	Subject: Science
Schools: 51	Students: 1268


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	556	43.85	712	56.15

 AREA	Rural		Urban	
	Number	%	Number	%
	1220	96.21	48	3.79

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	273	21.53	0	0.00	853	67.27	142	11.20

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

 Management	Government		Government-aided	
	Number	%	Number	%
	1268	100.00	0	0.00

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
42.27	43.14	41.58	42.45	37.64	42.27	0.00	38.44	0.00	43.47	42.39

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.64
SCI704	Conducts simple investigation to seek answers to queries	27.03
SCI705	Relates processes and phenomenon with causes	43.77
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	52.05
SCI710	Plots and interprets graphs	31.62
SCI711	Constructs models using materials from surroundings and explains their working	36.45
SCI801	Differentiates materials, organism and processes	50.12
SCI804	Relates processes and phenomenon with causes	46.26
SCI805	Explains processes and phenomenon	33.37
SCI807	Measures angles of incidence and reflection, etc.	46.29
SCI811	Applies learning of scientific concepts in day-to-day life	43.29
SCI813	Makes efforts to protect environment	57.18

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
440	34.70	349	27.52	381	30.05	98	7.73

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.03)
- 2 - Plots and interprets graphs (31.62)
- 3 - Explains processes and phenomenon (33.37)
- 4 - Constructs models using materials from surroundings and explains their working (36.45)
- 5 - Classifies materials and organisms based on properties/characteristics (37.64)