



District Report Card: 2017


State: Bihar	District: Begusarai
Class: 8	Subject: Science
Schools: 50	Students: 1307


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	462	35.35	845	64.65

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1183	90.51	124	9.49

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	265	20.28	2	0.15	905	69.24	135	10.33

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	4	0	2	0	23

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1307	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
53.57	55.05	52.77	53.77	51.72	53.57	0.00	51.67	36.67	53.75	56.40

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	50.72
SCI704	Conducts simple investigation to seek answers to queries	38.14
SCI705	Relates processes and phenomenon with causes	47.84
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	68.32
SCI710	Plots and interprets graphs	55.04
SCI711	Constructs models using materials from surroundings and explains their working	41.86
SCI801	Differentiates materials, organism and processes	63.88
SCI804	Relates processes and phenomenon with causes	54.88
SCI805	Explains processes and phenomenon	39.92
SCI807	Measures angles of incidence and reflection, etc.	61.97
SCI811	Applies learning of scientific concepts in day-to-day life	54.18
SCI813	Makes efforts to protect environment	69.55

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
246	18.82	321	24.56	493	37.72	247	18.90

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (38.14)
- 2 - Explains processes and phenomenon (39.92)
- 3 - Constructs models using materials from surroundings and explains their working (41.86)
- 4 - Relates processes and phenomenon with causes (47.84)
- 5 - Classifies materials and organisms based on properties/characteristics (50.72)