



District Report Card: 2017


State: Bihar	District: Lakhisarai
Class: 8	Subject: Science
Schools: 51	Students: 1293


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	612	47.33	681	52.67

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1143	88.40	150	11.60

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	214	16.55	6	0.46	841	65.04	232	17.94

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	0	1	1	4	0

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1293	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
48.29	49.63	47.08	47.48	54.40	48.29	0.00	45.58	57.78	47.23	54.37

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.00
SCI704	Conducts simple investigation to seek answers to queries	28.03
SCI705	Relates processes and phenomenon with causes	45.37
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	66.05
SCI710	Plots and interprets graphs	40.97
SCI711	Constructs models using materials from surroundings and explains their working	42.06
SCI801	Differentiates materials, organism and processes	59.68
SCI804	Relates processes and phenomenon with causes	47.35
SCI805	Explains processes and phenomenon	33.08
SCI807	Measures angles of incidence and reflection, etc.	51.82
SCI811	Applies learning of scientific concepts in day-to-day life	50.80
SCI813	Makes efforts to protect environment	70.77

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
286	22.12	390	30.16	496	38.36	121	9.36

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (28.03)
- 2 - Explains processes and phenomenon (33.08)
- 3 - Plots and interprets graphs (40.97)
- 4 - Constructs models using materials from surroundings and explains their working (42.06)
- 5 - Classifies materials and organisms based on properties/characteristics (43.00)