



District Report Card: 2017


State: Bihar	District: Katihar
Class: 8	Subject: Science
Schools: 50	Students: 1112


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	497		44.69		615		55.31	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	978		87.95		134		12.05	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	100	8.99	38	3.42	757	68.08	217	19.51

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	3	3	1	1	0

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1112		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
42.04	41.05	42.85	41.52	45.87	42.04	0.00	40.13	35.44	42.83	41.35

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.79
SCI704	Conducts simple investigation to seek answers to queries	29.21
SCI705	Relates processes and phenomenon with causes	40.50
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	58.45
SCI710	Plots and interprets graphs	35.82
SCI711	Constructs models using materials from surroundings and explains their working	28.91
SCI801	Differentiates materials, organism and processes	52.08
SCI804	Relates processes and phenomenon with causes	50.18
SCI805	Explains processes and phenomenon	31.42
SCI807	Measures angles of incidence and reflection, etc.	41.10
SCI811	Applies learning of scientific concepts in day-to-day life	40.35
SCI813	Makes efforts to protect environment	60.43

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
366	32.91	352	31.65	326	29.32	68	6.12

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (28.91)
- 2 - Conducts simple investigation to seek answers to queries (29.21)
- 3 - Explains processes and phenomenon (31.42)
- 4 - Plots and interprets graphs (35.82)
- 5 - Classifies materials and organisms based on properties/characteristics (37.79)