



District Report Card: 2017


State: Bihar	District: Kaimur (bhabua)
Class: 8	Subject: Science
Schools: 51	Students: 627


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	323		51.52		304		48.48	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	600		95.69		27		4.31	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	144	22.97	38	6.06	399	63.64	46	7.34

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

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	627		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
46.83	46.15	47.54	47.02	42.47	46.83	0.00	45.42	47.54	46.83	50.58

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.83
SCI704	Conducts simple investigation to seek answers to queries	24.65
SCI705	Relates processes and phenomenon with causes	46.84
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	60.93
SCI710	Plots and interprets graphs	42.81
SCI711	Constructs models using materials from surroundings and explains their working	42.31
SCI801	Differentiates materials, organism and processes	50.90
SCI804	Relates processes and phenomenon with causes	45.79
SCI805	Explains processes and phenomenon	33.59
SCI807	Measures angles of incidence and reflection, etc.	45.93
SCI811	Applies learning of scientific concepts in day-to-day life	56.71
SCI813	Makes efforts to protect environment	62.52

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
159	25.36	194	30.94	202	32.22	72	11.48

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (24.65)
- 2 - Explains processes and phenomenon (33.59)
- 3 - Constructs models using materials from surroundings and explains their working (42.31)
- 4 - Plots and interprets graphs (42.81)
- 5 - Classifies materials and organisms based on properties/characteristics (43.83)