



District Report Card: 2017


State: Bihar	District: Madhepura
Class: 8	Subject: Science
Schools: 50	Students: 1081


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	476		44.03		605		55.97	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1078		99.72		3		0.28	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	179	16.56	0	0.00	818	75.67	84	7.77

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

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1081		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
41.94	43.31	40.86	42.00	20.00	41.94	0.00	37.65	0.00	42.57	44.92

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.32
SCI704	Conducts simple investigation to seek answers to queries	24.22
SCI705	Relates processes and phenomenon with causes	40.39
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	58.09
SCI710	Plots and interprets graphs	31.79
SCI711	Constructs models using materials from surroundings and explains their working	34.29
SCI801	Differentiates materials, organism and processes	52.57
SCI804	Relates processes and phenomenon with causes	46.96
SCI805	Explains processes and phenomenon	31.09
SCI807	Measures angles of incidence and reflection, etc.	51.62
SCI811	Applies learning of scientific concepts in day-to-day life	37.75
SCI813	Makes efforts to protect environment	56.89

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
315	29.14	362	33.49	349	32.28	55	5.09

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (24.22)
- 2 - Explains processes and phenomenon (31.09)
- 3 - Plots and interprets graphs (31.79)
- 4 - Constructs models using materials from surroundings and explains their working (34.29)
- 5 - Applies learning of scientific concepts in day-to-day life (37.75)