



District Report Card: 2017


State: Bihar	District: Muzaffarpur
Class: 8	Subject: Science
Schools: 51	Students: 1309


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	587	44.84	722	55.16

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1229	93.89	80	6.11

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	214	16.35	8	0.61	888	67.84	199	15.20

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1309	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
41.31	41.60	41.08	40.87	48.17	41.31	0.00	39.78	24.17	42.08	40.23

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.96
SCI704	Conducts simple investigation to seek answers to queries	29.15
SCI705	Relates processes and phenomenon with causes	39.98
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	55.69
SCI710	Plots and interprets graphs	29.75
SCI711	Constructs models using materials from surroundings and explains their working	28.82
SCI801	Differentiates materials, organism and processes	50.17
SCI804	Relates processes and phenomenon with causes	42.83
SCI805	Explains processes and phenomenon	33.00
SCI807	Measures angles of incidence and reflection, etc.	43.16
SCI811	Applies learning of scientific concepts in day-to-day life	40.97
SCI813	Makes efforts to protect environment	58.90

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
418	31.93	454	34.68	339	25.90	98	7.49

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (28.82)
- 2 - Conducts simple investigation to seek answers to queries (29.15)
- 3 - Plots and interprets graphs (29.75)
- 4 - Explains processes and phenomenon (33.00)
- 5 - Classifies materials and organisms based on properties/characteristics (36.96)