



District Report Card: 2017


State: Bihar	District: Jamui
Class: 8	Subject: Science
Schools: 50	Students: 1108


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	549	49.55	559	50.45

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1038	93.68	70	6.32

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	154	13.90	55	4.96	744	67.15	155	13.99

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	3	1	6	2	2

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1108	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
41.44	41.94	40.95	40.33	58.00	41.44	0.00	39.26	40.00	42.34	39.83

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.12
SCI704	Conducts simple investigation to seek answers to queries	23.78
SCI705	Relates processes and phenomenon with causes	39.55
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	65.61
SCI710	Plots and interprets graphs	37.48
SCI711	Constructs models using materials from surroundings and explains their working	30.63
SCI801	Differentiates materials, organism and processes	43.51
SCI804	Relates processes and phenomenon with causes	38.38
SCI805	Explains processes and phenomenon	34.50
SCI807	Measures angles of incidence and reflection, etc.	51.17
SCI811	Applies learning of scientific concepts in day-to-day life	41.34
SCI813	Makes efforts to protect environment	57.31

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
414	37.36	311	28.07	274	24.73	109	9.84

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (23.78)
- 2 - Constructs models using materials from surroundings and explains their working (30.63)
- 3 - Explains processes and phenomenon (34.50)
- 4 - Plots and interprets graphs (37.48)
- 5 - Classifies materials and organisms based on properties/characteristics (38.12)