



District Report Card: 2017


State: Bihar	District: Nawada
Class: 8	Subject: Science
Schools: 51	Students: 1046


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	459	43.88	587	56.12

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1013	96.85	33	3.15

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	242	23.14	8	0.76	588	56.21	208	19.89

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1046	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
46.21	45.71	46.60	45.72	61.21	46.21	0.00	40.28	38.33	47.59	49.52

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.05
SCI704	Conducts simple investigation to seek answers to queries	31.45
SCI705	Relates processes and phenomenon with causes	45.36
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	60.13
SCI710	Plots and interprets graphs	26.64
SCI711	Constructs models using materials from surroundings and explains their working	38.61
SCI801	Differentiates materials, organism and processes	54.66
SCI804	Relates processes and phenomenon with causes	43.63
SCI805	Explains processes and phenomenon	39.33
SCI807	Measures angles of incidence and reflection, etc.	51.24
SCI811	Applies learning of scientific concepts in day-to-day life	47.45
SCI813	Makes efforts to protect environment	63.58

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
294	28.11	288	27.53	322	30.78	142	13.58

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (26.64)
- 2 - Conducts simple investigation to seek answers to queries (31.45)
- 3 - Constructs models using materials from surroundings and explains their working (38.61)
- 4 - Explains processes and phenomenon (39.33)
- 5 - Classifies materials and organisms based on properties/characteristics (41.05)