



District Report Card: 2017


State: Bihar	District: Nalanda
Class: 8	Subject: Science
Schools: 51	Students: 1182


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	569		48.14		613		51.86	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1075		90.95		107		9.05	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	278	23.52	0	0.00	806	68.19	98	8.29

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	4	1	5	2	3	0

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1182		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
41.97	40.16	43.64	40.55	56.20	41.97	0.00	37.46	0.00	43.42	42.86

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.92
SCI704	Conducts simple investigation to seek answers to queries	28.57
SCI705	Relates processes and phenomenon with causes	38.28
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	57.61
SCI710	Plots and interprets graphs	24.28
SCI711	Constructs models using materials from surroundings and explains their working	27.15
SCI801	Differentiates materials, organism and processes	47.42
SCI804	Relates processes and phenomenon with causes	51.43
SCI805	Explains processes and phenomenon	37.72
SCI807	Measures angles of incidence and reflection, etc.	46.87
SCI811	Applies learning of scientific concepts in day-to-day life	43.34
SCI813	Makes efforts to protect environment	56.68

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
377	31.90	361	30.54	389	32.91	55	4.65

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (24.28)
- 2 - Constructs models using materials from surroundings and explains their working (27.15)
- 3 - Conducts simple investigation to seek answers to queries (28.57)
- 4 - Explains processes and phenomenon (37.72)
- 5 - Classifies materials and organisms based on properties/characteristics (37.92)