




District Report Card: 2017	
State: Bihar	District: Pashchim Champaran
Class: 8	Subject: Science
Schools: 51	Students: 1250


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	673		53.84		577		46.16	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1115		89.20		135		10.80	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	174	13.92	151	12.08	832	66.56	93	7.44

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

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1250		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
43.13	42.84	43.45	43.22	42.37	43.13	0.00	41.57	38.15	44.23	44.23

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.05
SCI704	Conducts simple investigation to seek answers to queries	26.03
SCI705	Relates processes and phenomenon with causes	38.38
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	58.96
SCI710	Plots and interprets graphs	34.98
SCI711	Constructs models using materials from surroundings and explains their working	32.59
SCI801	Differentiates materials, organism and processes	51.71
SCI804	Relates processes and phenomenon with causes	44.99
SCI805	Explains processes and phenomenon	32.71
SCI807	Measures angles of incidence and reflection, etc.	45.28
SCI811	Applies learning of scientific concepts in day-to-day life	45.52
SCI813	Makes efforts to protect environment	58.80

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
373	29.84	423	33.84	370	29.60	84	6.72

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (26.03)
- 2 - Constructs models using materials from surroundings and explains their working (32.59)
- 3 - Explains processes and phenomenon (32.71)
- 4 - Plots and interprets graphs (34.98)
- 5 - Relates processes and phenomenon with causes (38.38)