



District Report Card: 2017


State: Bihar	District: Gaya
Class: 8	Subject: Science
Schools: 51	Students: 1289


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	587	45.54	702	54.46

AREA 	Rural		Urban	
	Number	%	Number	%
	1160	89.99	129	10.01

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	390	30.26	17	1.32	767	59.50	115	8.92

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	1	0	1	1	0

Management 	Government		Government-aided	
	Number	%	Number	%
	1289	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
38.86	39.00	38.75	38.21	44.70	38.86	0.00	35.98	35.69	40.25	39.83

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	31.68
SCI704	Conducts simple investigation to seek answers to queries	28.00
SCI705	Relates processes and phenomenon with causes	38.10
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	51.98
SCI710	Plots and interprets graphs	28.95
SCI711	Constructs models using materials from surroundings and explains their working	24.46
SCI801	Differentiates materials, organism and processes	47.46
SCI804	Relates processes and phenomenon with causes	41.18
SCI805	Explains processes and phenomenon	29.04
SCI807	Measures angles of incidence and reflection, etc.	41.43
SCI811	Applies learning of scientific concepts in day-to-day life	40.30
SCI813	Makes efforts to protect environment	56.32

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
454	35.22	461	35.76	321	24.90	53	4.11

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (24.46)
- 2 - Conducts simple investigation to seek answers to queries (28.00)
- 3 - Plots and interprets graphs (28.95)
- 4 - Explains processes and phenomenon (29.04)
- 5 - Classifies materials and organisms based on properties/characteristics (31.68)