



District Report Card: 2017


State: Jharkhand	District: Giridih
Class: 8	Subject: Science
Schools: 49	Students: 1149


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	536	46.65	613	53.35

AREA 	Rural		Urban	
	Number	%	Number	%
	1099	95.65	50	4.35

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	131	11.40	90	7.83	834	72.58	94	8.18

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	3	1	1	2	36

Management 	Government		Government-aided	
	Number	%	Number	%
	1119	97.39	30	2.61

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
53.70	55.72	51.93	54.03	46.40	53.97	43.56	50.33	54.89	54.04	54.26

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	50.55
SCI704	Conducts simple investigation to seek answers to queries	43.87
SCI705	Relates processes and phenomenon with causes	50.12
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	61.10
SCI710	Plots and interprets graphs	46.65
SCI711	Constructs models using materials from surroundings and explains their working	47.54
SCI801	Differentiates materials, organism and processes	56.89
SCI804	Relates processes and phenomenon with causes	65.85
SCI805	Explains processes and phenomenon	45.84
SCI807	Measures angles of incidence and reflection, etc.	57.96
SCI811	Applies learning of scientific concepts in day-to-day life	56.92
SCI813	Makes efforts to protect environment	64.84

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
218	18.97	299	26.02	397	34.55	235	20.45

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (43.87)
- 2 - Explains processes and phenomenon (45.84)
- 3 - Plots and interprets graphs (46.65)
- 4 - Constructs models using materials from surroundings and explains their working (47.54)
- 5 - Relates processes and phenomenon with causes (50.12)