



District Report Card: 2017


State: Jharkhand	District: Dhanbad
Class: 8	Subject: Science
Schools: 49	Students: 1329


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	650	48.91	679	51.09

AREA 	Rural		Urban	
	Number	%	Number	%
	961	72.31	368	27.69

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	215	16.18	192	14.45	846	63.66	76	5.72

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	2	5	4	2	1

Management 	Government		Government-aided	
	Number	%	Number	%
	1243	93.53	86	6.47

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
62.60	61.35	63.80	63.83	59.40	61.81	74.11	56.96	59.27	64.98	60.53

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	58.17
SCI704	Conducts simple investigation to seek answers to queries	43.85
SCI705	Relates processes and phenomenon with causes	54.64
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	69.30
SCI710	Plots and interprets graphs	61.20
SCI711	Constructs models using materials from surroundings and explains their working	51.13
SCI801	Differentiates materials, organism and processes	74.13
SCI804	Relates processes and phenomenon with causes	75.49
SCI805	Explains processes and phenomenon	52.28
SCI807	Measures angles of incidence and reflection, etc.	72.84
SCI811	Applies learning of scientific concepts in day-to-day life	65.73
SCI813	Makes efforts to protect environment	76.98

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
131	9.86	239	17.98	534	40.18	425	31.98

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (43.85)
- 2 - Constructs models using materials from surroundings and explains their working (51.13)
- 3 - Explains processes and phenomenon (52.28)
- 4 - Relates processes and phenomenon with causes (54.64)
- 5 - Classifies materials and organisms based on properties/characteristics (58.17)