



### District Report Card: 2017


<b>State:</b> Jharkhand	<b>District:</b> Hazaribag
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 48	<b>Students:</b> 1284


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	529	41.20	755	58.80

 AREA	Rural		Urban	
	Number	%	Number	%
	1204	93.77	80	6.23

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	223	17.37	53	4.13	953	74.22	55	4.28

 CWSN	LD	VI	HI	S&LD	ID	Oth
	1	3	0	4	0	56

 Management	Government		Government-aided	
	Number	%	Number	%
	1224	95.33	60	4.67

### Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
60.40	61.49	59.65	60.77	54.92	61.11	46.00	55.01	58.74	61.68	61.82

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	61.23
SCI704	Conducts simple investigation to seek answers to queries	46.79
SCI705	Relates processes and phenomenon with causes	54.52
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	73.91
SCI710	Plots and interprets graphs	60.64
SCI711	Constructs models using materials from surroundings and explains their working	47.17
SCI801	Differentiates materials, organism and processes	63.17
SCI804	Relates processes and phenomenon with causes	64.17
SCI805	Explains processes and phenomenon	48.62
SCI807	Measures angles of incidence and reflection, etc.	61.60
SCI811	Applies learning of scientific concepts in day-to-day life	65.66
SCI813	Makes efforts to protect environment	77.26

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
133	10.36	259	20.17	569	44.31	323	25.16

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (46.79)
- 2 - Constructs models using materials from surroundings and explains their working (47.17)
- 3 - Explains processes and phenomenon (48.62)
- 4 - Relates processes and phenomenon with causes (54.52)
- 5 - Plots and interprets graphs (60.64)