



### District Report Card: 2017


<b>State:</b> Jharkhand	<b>District:</b> Palamu
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 49	<b>Students:</b> 1128


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	542	48.05	586	51.95

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1080	95.74	48	4.26

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	247	21.90	163	14.45	634	56.21	84	7.45

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	2	2	2	2	0	28

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	1103	97.78	25	2.22

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
57.19	55.55	58.71	57.45	51.39	57.03	64.53	52.93	51.37	60.41	56.75

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	53.83
SCI704	Conducts simple investigation to seek answers to queries	36.79
SCI705	Relates processes and phenomenon with causes	50.41
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	73.67
SCI710	Plots and interprets graphs	54.23
SCI711	Constructs models using materials from surroundings and explains their working	48.94
SCI801	Differentiates materials, organism and processes	67.14
SCI804	Relates processes and phenomenon with causes	59.68
SCI805	Explains processes and phenomenon	47.87
SCI807	Measures angles of incidence and reflection, etc.	63.48
SCI811	Applies learning of scientific concepts in day-to-day life	61.61
SCI813	Makes efforts to protect environment	67.55

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
165	14.63	239	21.19	468	41.49	256	22.70

## Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (36.79)
- 2 - Explains processes and phenomenon (47.87)
- 3 - Constructs models using materials from surroundings and explains their working (48.94)
- 4 - Relates processes and phenomenon with causes (50.41)
- 5 - Classifies materials and organisms based on properties/characteristics (53.83)