



### District Report Card: 2017


<b>State:</b> Jharkhand	<b>District:</b> Khunti
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 49	<b>Students:</b> 1148


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	522	45.47	626	54.53

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1038	90.42	110	9.58

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	87	7.58	863	75.17	182	15.85	16	1.39

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	2	5	4	2	2	1

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	798	69.51	350	30.49

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
47.23	47.51	47.00	47.30	46.55	47.69	46.17	46.90	46.88	48.39	54.58

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.24
SCI704	Conducts simple investigation to seek answers to queries	37.85
SCI705	Relates processes and phenomenon with causes	42.97
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	49.04
SCI710	Plots and interprets graphs	40.97
SCI711	Constructs models using materials from surroundings and explains their working	41.15
SCI801	Differentiates materials, organism and processes	57.35
SCI804	Relates processes and phenomenon with causes	63.89
SCI805	Explains processes and phenomenon	37.67
SCI807	Measures angles of incidence and reflection, etc.	44.08
SCI811	Applies learning of scientific concepts in day-to-day life	52.09
SCI813	Makes efforts to protect environment	57.75

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
249	21.69	393	34.23	402	35.02	104	9.06

### Lowest Performing Learning Outcomes (LOs)

- 1 - Explains processes and phenomenon (37.67)
- 2 - Conducts simple investigation to seek answers to queries (37.85)
- 3 - Plots and interprets graphs (40.97)
- 4 - Constructs models using materials from surroundings and explains their working (41.15)
- 5 - Classifies materials and organisms based on properties/characteristics (41.24)