



### District Report Card: 2017


<b>State:</b> Chhattisgarh	<b>District:</b> Jashpur
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1276


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	582	45.61	694	54.39

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1188	93.10	88	6.90

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	95	7.45	826	64.73	312	24.45	43	3.37

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	4	1	1	4	3	3

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	955	74.84	321	25.16

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
46.50	44.77	47.95	46.90	41.06	48.93	39.27	49.47	44.94	50.38	41.71

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	45.30
SCI704	Conducts simple investigation to seek answers to queries	39.17
SCI705	Relates processes and phenomenon with causes	43.41
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	46.39
SCI710	Plots and interprets graphs	44.53
SCI711	Constructs models using materials from surroundings and explains their working	41.25
SCI801	Differentiates materials, organism and processes	52.07
SCI804	Relates processes and phenomenon with causes	50.47
SCI805	Explains processes and phenomenon	42.36
SCI807	Measures angles of incidence and reflection, etc.	51.10
SCI811	Applies learning of scientific concepts in day-to-day life	44.72
SCI813	Makes efforts to protect environment	60.50

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
340	26.65	409	32.05	346	27.12	181	14.18

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (39.17)
- 2 - Constructs models using materials from surroundings and explains their working (41.25)
- 3 - Explains processes and phenomenon (42.36)
- 4 - Relates processes and phenomenon with causes (43.41)
- 5 - Plots and interprets graphs (44.53)