



### District Report Card: 2017


<b>State:</b> Madhya Pradesh	<b>District:</b> Khargone
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1100


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	546		49.64		554		50.36	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	938		85.27		162		14.73	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	144	13.09	583	53.00	338	30.73	35	3.18

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	0	6	1	1	6

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1100		100.00	0		0.00

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
42.99	44.33	41.66	43.71	38.81	42.99	0.00	39.49	44.61	42.01	39.81

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.60
SCI704	Conducts simple investigation to seek answers to queries	28.70
SCI705	Relates processes and phenomenon with causes	41.76
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	56.09
SCI710	Plots and interprets graphs	31.23
SCI711	Constructs models using materials from surroundings and explains their working	37.36
SCI801	Differentiates materials, organism and processes	50.28
SCI804	Relates processes and phenomenon with causes	41.82
SCI805	Explains processes and phenomenon	37.73
SCI807	Measures angles of incidence and reflection, etc.	39.91
SCI811	Applies learning of scientific concepts in day-to-day life	44.29
SCI813	Makes efforts to protect environment	59.27

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
309	28.09	388	35.27	355	32.27	48	4.36

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (28.70)
- 2 - Plots and interprets graphs (31.23)
- 3 - Constructs models using materials from surroundings and explains their working (37.36)
- 4 - Explains processes and phenomenon (37.73)
- 5 - Measures angles of incidence and reflection, etc. (39.91)