



### District Report Card: 2017


<b>State:</b> Madhya Pradesh	<b>District:</b> Khandwa
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1231


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	579	47.03	652	52.97

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1104	89.68	127	10.32

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	136	11.05	532	43.22	463	37.61	100	8.12

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	15	3	11	0	2	0

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	1231	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
42.66	42.39	42.90	42.24	46.35	42.66	0.00	43.33	41.85	42.74	45.73

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.87
SCI704	Conducts simple investigation to seek answers to queries	23.85
SCI705	Relates processes and phenomenon with causes	38.21
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	49.55
SCI710	Plots and interprets graphs	29.84
SCI711	Constructs models using materials from surroundings and explains their working	38.41
SCI801	Differentiates materials, organism and processes	52.15
SCI804	Relates processes and phenomenon with causes	45.87
SCI805	Explains processes and phenomenon	42.52
SCI807	Measures angles of incidence and reflection, etc.	38.02
SCI811	Applies learning of scientific concepts in day-to-day life	43.97
SCI813	Makes efforts to protect environment	64.18

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
345	28.03	438	35.58	387	31.44	61	4.96

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (23.85)
- 2 - Plots and interprets graphs (29.84)
- 3 - Measures angles of incidence and reflection, etc. (38.02)
- 4 - Relates processes and phenomenon with causes (38.21)
- 5 - Constructs models using materials from surroundings and explains their working (38.41)