



### District Report Card: 2017


<b>State:</b> Madhya Pradesh	<b>District:</b> Satna
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1135


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	540	47.58	595	52.42

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	994	87.58	141	12.42

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	295	25.99	162	14.27	574	50.57	104	9.16

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	6	11	3	1	7	20

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	1135	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
39.66	38.53	40.68	40.73	32.10	39.66	0.00	38.37	32.51	40.77	48.33

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.95
SCI704	Conducts simple investigation to seek answers to queries	25.98
SCI705	Relates processes and phenomenon with causes	35.03
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	44.85
SCI710	Plots and interprets graphs	35.73
SCI711	Constructs models using materials from surroundings and explains their working	30.70
SCI801	Differentiates materials, organism and processes	44.86
SCI804	Relates processes and phenomenon with causes	42.19
SCI805	Explains processes and phenomenon	40.63
SCI807	Measures angles of incidence and reflection, etc.	42.47
SCI811	Applies learning of scientific concepts in day-to-day life	39.35
SCI813	Makes efforts to protect environment	54.45

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
420	37.00	358	31.54	271	23.88	86	7.58

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (25.98)
- 2 - Constructs models using materials from surroundings and explains their working (30.70)
- 3 - Relates processes and phenomenon with causes (35.03)
- 4 - Plots and interprets graphs (35.73)
- 5 - Classifies materials and organisms based on properties/characteristics (38.95)