



### District Report Card: 2017


<b>State:</b> Rajasthan	<b>District:</b> Sawai Madhopur
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1242


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	553	44.52	689	55.48

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1128	90.82	114	9.18

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	361	29.07	263	21.18	571	45.97	47	3.78

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	4	1	0	0	3	5

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	1242	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
64.83	64.16	65.36	65.11	62.05	64.83	0.00	60.96	67.98	65.72	65.96

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	66.99
SCI704	Conducts simple investigation to seek answers to queries	43.05
SCI705	Relates processes and phenomenon with causes	55.98
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	82.21
SCI710	Plots and interprets graphs	66.34
SCI711	Constructs models using materials from surroundings and explains their working	66.02
SCI801	Differentiates materials, organism and processes	73.43
SCI804	Relates processes and phenomenon with causes	69.89
SCI805	Explains processes and phenomenon	54.97
SCI807	Measures angles of incidence and reflection, etc.	54.99
SCI811	Applies learning of scientific concepts in day-to-day life	69.95
SCI813	Makes efforts to protect environment	80.84

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
126	10.14	214	17.23	408	32.85	494	39.77

## Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (43.05)
- 2 - Explains processes and phenomenon (54.97)
- 3 - Measures angles of incidence and reflection, etc. (54.99)
- 4 - Relates processes and phenomenon with causes (55.98)
- 5 - Constructs models using materials from surroundings and explains their working (66.02)