



### District Report Card: 2017


<b>State:</b> Rajasthan	<b>District:</b> Rajsamand
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1177


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	536	45.54	641	54.46

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1104	93.80	73	6.20

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	172	14.61	141	11.98	726	61.68	138	11.72

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	1	3	5	2	1

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1177	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
62.85	61.27	64.18	63.35	55.43	62.85	0.00	59.81	53.00	65.15	64.64

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	64.64
SCI704	Conducts simple investigation to seek answers to queries	35.55
SCI705	Relates processes and phenomenon with causes	56.94
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	73.58
SCI710	Plots and interprets graphs	65.46
SCI711	Constructs models using materials from surroundings and explains their working	59.97
SCI801	Differentiates materials, organism and processes	74.93
SCI804	Relates processes and phenomenon with causes	68.38
SCI805	Explains processes and phenomenon	55.19
SCI807	Measures angles of incidence and reflection, etc.	58.54
SCI811	Applies learning of scientific concepts in day-to-day life	66.04
SCI813	Makes efforts to protect environment	80.71

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
136	11.55	207	17.59	411	34.92	423	35.94

## Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (35.55)
- 2 - Explains processes and phenomenon (55.19)
- 3 - Relates processes and phenomenon with causes (56.94)
- 4 - Measures angles of incidence and reflection, etc. (58.54)
- 5 - Constructs models using materials from surroundings and explains their working (59.97)