



District Report Card: 2017


State: Rajasthan	District: Sikar
Class: 8	Subject: Science
Schools: 51	Students: 1146


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	510	44.50	636	55.50

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1057	92.23	89	7.77

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	343	29.93	52	4.54	598	52.18	153	13.35

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	0	0	1	3	1

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1146	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
66.91	67.97	66.06	66.89	67.19	66.91	0.00	66.45	69.49	67.16	66.10

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	62.61
SCI704	Conducts simple investigation to seek answers to queries	49.10
SCI705	Relates processes and phenomenon with causes	58.69
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	74.61
SCI710	Plots and interprets graphs	73.20
SCI711	Constructs models using materials from surroundings and explains their working	62.87
SCI801	Differentiates materials, organism and processes	76.09
SCI804	Relates processes and phenomenon with causes	73.73
SCI805	Explains processes and phenomenon	58.80
SCI807	Measures angles of incidence and reflection, etc.	71.64
SCI811	Applies learning of scientific concepts in day-to-day life	68.93
SCI813	Makes efforts to protect environment	84.29

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
89	7.77	192	16.75	410	35.78	455	39.70

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (49.10)
- 2 - Relates processes and phenomenon with causes (58.69)
- 3 - Explains processes and phenomenon (58.80)
- 4 - Classifies materials and organisms based on properties/characteristics (62.61)
- 5 - Constructs models using materials from surroundings and explains their working (62.87)