



District Report Card: 2017


State: Rajasthan	District: Bharatpur
Class: 8	Subject: Science
Schools: 49	Students: 1115


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	398	35.70	717	64.30

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1032	92.56	83	7.44

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	409	36.68	19	1.70	608	54.53	79	7.09

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	6	3	0	1	1	43

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1115	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
69.30	68.56	69.71	68.70	76.71	69.30	0.00	69.94	68.07	68.90	69.28

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	69.04
SCI704	Conducts simple investigation to seek answers to queries	40.07
SCI705	Relates processes and phenomenon with causes	61.90
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	86.46
SCI710	Plots and interprets graphs	68.46
SCI711	Constructs models using materials from surroundings and explains their working	68.64
SCI801	Differentiates materials, organism and processes	79.65
SCI804	Relates processes and phenomenon with causes	72.58
SCI805	Explains processes and phenomenon	60.47
SCI807	Measures angles of incidence and reflection, etc.	63.41
SCI811	Applies learning of scientific concepts in day-to-day life	75.84
SCI813	Makes efforts to protect environment	88.61

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
65	5.83	123	11.03	435	39.01	492	44.13

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (40.07)
- 2 - Explains processes and phenomenon (60.47)
- 3 - Relates processes and phenomenon with causes (61.90)
- 4 - Measures angles of incidence and reflection, etc. (63.41)
- 5 - Plots and interprets graphs (68.46)