



District Report Card: 2017


State: Rajasthan	District: Bhilwara
Class: 8	Subject: Science
Schools: 51	Students: 1159


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	546	47.11	613	52.89

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1023	88.27	136	11.73

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	215	18.55	76	6.56	770	66.44	98	8.46

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1159	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
52.14	54.71	49.84	53.17	44.36	52.14	0.00	52.12	44.12	52.48	55.71

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	52.56
SCI704	Conducts simple investigation to seek answers to queries	34.29
SCI705	Relates processes and phenomenon with causes	49.14
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	54.62
SCI710	Plots and interprets graphs	48.28
SCI711	Constructs models using materials from surroundings and explains their working	52.41
SCI801	Differentiates materials, organism and processes	63.13
SCI804	Relates processes and phenomenon with causes	59.83
SCI805	Explains processes and phenomenon	45.11
SCI807	Measures angles of incidence and reflection, etc.	42.80
SCI811	Applies learning of scientific concepts in day-to-day life	55.15
SCI813	Makes efforts to protect environment	68.59

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
251	21.66	320	27.61	337	29.08	251	21.66

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (34.29)
- 2 - Measures angles of incidence and reflection, etc. (42.80)
- 3 - Explains processes and phenomenon (45.11)
- 4 - Plots and interprets graphs (48.28)
- 5 - Relates processes and phenomenon with causes (49.14)