



District Report Card: 2017


State: Rajasthan	District: Pali
Class: 8	Subject: Science
Schools: 51	Students: 1210


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	581	48.02	629	51.98

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1121	92.64	89	7.36

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	327	27.02	47	3.88	757	62.56	79	6.53

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	4	2	0	4	39

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1210	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
48.52	47.15	49.79	48.34	50.79	48.52	0.00	47.95	33.90	49.25	52.66

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	47.15
SCI704	Conducts simple investigation to seek answers to queries	29.16
SCI705	Relates processes and phenomenon with causes	46.51
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	52.64
SCI710	Plots and interprets graphs	48.38
SCI711	Constructs models using materials from surroundings and explains their working	42.86
SCI801	Differentiates materials, organism and processes	59.42
SCI804	Relates processes and phenomenon with causes	46.75
SCI805	Explains processes and phenomenon	42.02
SCI807	Measures angles of incidence and reflection, etc.	45.12
SCI811	Applies learning of scientific concepts in day-to-day life	50.20
SCI813	Makes efforts to protect environment	69.17

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
329	27.19	348	28.76	307	25.37	226	18.68

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (29.16)
- 2 - Explains processes and phenomenon (42.02)
- 3 - Constructs models using materials from surroundings and explains their working (42.86)
- 4 - Measures angles of incidence and reflection, etc. (45.12)
- 5 - Relates processes and phenomenon with causes (46.51)