



District Report Card: 2017


State: Rajasthan	District: Alwar
Class: 8	Subject: Science
Schools: 51	Students: 1153


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	492	42.67	661	57.33

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1060	91.93	93	8.07

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	407	35.30	130	11.27	528	45.79	88	7.63

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1153	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
60.34	60.42	60.27	61.21	50.39	60.34	0.00	59.75	63.95	60.78	55.00

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	57.99
SCI704	Conducts simple investigation to seek answers to queries	36.19
SCI705	Relates processes and phenomenon with causes	55.75
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	72.07
SCI710	Plots and interprets graphs	58.98
SCI711	Constructs models using materials from surroundings and explains their working	51.41
SCI801	Differentiates materials, organism and processes	73.09
SCI804	Relates processes and phenomenon with causes	67.61
SCI805	Explains processes and phenomenon	46.38
SCI807	Measures angles of incidence and reflection, etc.	55.85
SCI811	Applies learning of scientific concepts in day-to-day life	66.82
SCI813	Makes efforts to protect environment	80.75

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
135	11.71	244	21.16	432	37.47	342	29.66

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (36.19)
- 2 - Explains processes and phenomenon (46.38)
- 3 - Constructs models using materials from surroundings and explains their working (51.41)
- 4 - Relates processes and phenomenon with causes (55.75)
- 5 - Measures angles of incidence and reflection, etc. (55.85)