NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING
NATIONAL ACHIEVEMENT SURVEY - NAS
(Survey of Learning Outcomes)

District Report Card: 2017	
State: Rajasthan	**District:** Ajmer
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1215

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	592	48.72	623	51.28

AREA	Rural		Urban	
	Number	%	Number	%
	1045	86.01	170	13.99

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	274	22.55	31	2.55	842	69.30	68	5.60

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	2	1	2	1	23

Management	Government		Government-aided	
	Number	%	Number	%
	1215	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
70.44	72.78	68.22	70.95	67.33	70.44	0.00	69.71	58.06	70.80	74.61

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	72.66
SCI704	Conducts simple investigation to seek answers to queries	40.07
SCI705	Relates processes and phenomenon with causes	65.74
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	82.14
SCI710	Plots and interprets graphs	69.15
SCI711	Constructs models using materials from surroundings and explains their working	70.65
SCI801	Differentiates materials, organism and processes	80.30
SCI804	Relates processes and phenomenon with causes	80.27
SCI805	Explains processes and phenomenon	62.89
SCI807	Measures angles of incidence and reflection, etc.	69.38
SCI811	Applies learning of scientific concepts in day-to-day life	74.70
SCI813	Makes efforts to protect environment	85.93

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
78	6.42	136	11.19	439	36.13	562	46.26

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (40.07)

2 - Explains processes and phenomenon (62.89)

3 - Relates processes and phenomenon with causes (65.74)

4 - Plots and interprets graphs (69.15)

5 - Measures angles of incidence and reflection, etc. (69.38)

CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

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