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

District Report Card: 2017	
State: Rajasthan	**District:** Ganganagar
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1093

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	525	48.03	568	51.97

AREA	Rural		Urban	
	Number	%	Number	%
	951	87.01	142	12.99

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	610	55.81	10	0.91	438	40.07	35	3.20

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	1	0	7	1	29

Management	Government		Government-aided	
	Number	%	Number	%
	1093	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
55.02	52.42	57.42	55.22	53.66	55.02	0.00	53.27	71.33	56.99	56.19

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	50.21
SCI704	Conducts simple investigation to seek answers to queries	32.60
SCI705	Relates processes and phenomenon with causes	53.72
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	66.42
SCI710	Plots and interprets graphs	52.92
SCI711	Constructs models using materials from surroundings and explains their working	48.91
SCI801	Differentiates materials, organism and processes	73.46
SCI804	Relates processes and phenomenon with causes	60.58
SCI805	Explains processes and phenomenon	47.25
SCI807	Measures angles of incidence and reflection, etc.	44.10
SCI811	Applies learning of scientific concepts in day-to-day life	55.43
SCI813	Makes efforts to protect environment	72.28

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
190	17.38	258	23.60	404	36.96	241	22.05

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (32.60)

2 - Measures angles of incidence and reflection, etc. (44.10)

3 - Explains processes and phenomenon (47.25)

4 - Constructs models using materials from surroundings and explains their working (48.91)

5 - Classifies materials and organisms based on properties/characteristics (50.21)

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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