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

District Report Card: 2017	
State: Rajasthan	**District:** Hanumangarh
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1195

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	572	47.87	623	52.13

AREA	Rural		Urban	
	Number	%	Number	%
	1137	95.15	58	4.85

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	530	44.35	3	0.25	578	48.37	84	7.03

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	3	0	2	3	3

Management	Government		Government-aided	
	Number	%	Number	%
	1195	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
57.77	57.82	57.73	57.60	61.15	57.77	0.00	56.78	44.44	58.54	59.29

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	54.84
SCI704	Conducts simple investigation to seek answers to queries	37.64
SCI705	Relates processes and phenomenon with causes	53.23
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	65.19
SCI710	Plots and interprets graphs	60.77
SCI711	Constructs models using materials from surroundings and explains their working	50.00
SCI801	Differentiates materials, organism and processes	73.60
SCI804	Relates processes and phenomenon with causes	60.61
SCI805	Explains processes and phenomenon	50.78
SCI807	Measures angles of incidence and reflection, etc.	47.45
SCI811	Applies learning of scientific concepts in day-to-day life	60.34
SCI813	Makes efforts to protect environment	75.65

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
185	15.48	296	24.77	368	30.79	346	28.95

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (37.64)

2 - Measures angles of incidence and reflection, etc. (47.45)

3 - Constructs models using materials from surroundings and explains their working (50.00)

4 - Explains processes and phenomenon (50.78)

5 - Relates processes and phenomenon with causes (53.23)

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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