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

District Report Card: 2017	
State: Rajasthan	**District:** Jaisalmer
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1082

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	626	57.86	456	42.14

AREA	Rural		Urban	
	Number	%	Number	%
	992	91.68	90	8.32

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	215	19.87	72	6.65	415	38.35	380	35.12

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	1	1	2	1	4

Management	Government		Government-aided	
	Number	%	Number	%
	1082	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
63.52	64.93	61.59	63.22	66.89	63.52	0.00	60.78	57.04	63.82	65.98

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	61.95
SCI704	Conducts simple investigation to seek answers to queries	40.75
SCI705	Relates processes and phenomenon with causes	57.59
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	79.67
SCI710	Plots and interprets graphs	70.02
SCI711	Constructs models using materials from surroundings and explains their working	61.08
SCI801	Differentiates materials, organism and processes	71.47
SCI804	Relates processes and phenomenon with causes	73.00
SCI805	Explains processes and phenomenon	55.93
SCI807	Measures angles of incidence and reflection, etc.	62.01
SCI811	Applies learning of scientific concepts in day-to-day life	64.92
SCI813	Makes efforts to protect environment	79.76

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
104	9.61	166	15.34	460	42.51	352	32.53

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (40.75)

2 - Explains processes and phenomenon (55.93)

3 - Relates processes and phenomenon with causes (57.59)

4 - Constructs models using materials from surroundings and explains their working (61.08)

5 - Classifies materials and organisms based on properties/characteristics (61.95)

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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