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

District Report Card: 2017	
State: Rajasthan	**District:** Jhalawar
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1122

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	586	52.23	536	47.77

AREA	Rural		Urban	
	Number	%	Number	%
	1034	92.16	88	7.84

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	202	18.00	202	18.00	629	56.06	89	7.93

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	1	0	1	2	24

Management	Government		Government-aided	
	Number	%	Number	%
	1122	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
62.45	66.44	58.10	62.81	58.26	62.45	0.00	62.24	63.20	62.16	63.30

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	57.98
SCI704	Conducts simple investigation to seek answers to queries	35.46
SCI705	Relates processes and phenomenon with causes	61.57
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	79.06
SCI710	Plots and interprets graphs	62.52
SCI711	Constructs models using materials from surroundings and explains their working	54.53
SCI801	Differentiates materials, organism and processes	71.66
SCI804	Relates processes and phenomenon with causes	65.19
SCI805	Explains processes and phenomenon	52.17
SCI807	Measures angles of incidence and reflection, etc.	59.09
SCI811	Applies learning of scientific concepts in day-to-day life	69.10
SCI813	Makes efforts to protect environment	80.66

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
117	10.43	179	15.95	480	42.78	346	30.84

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (35.46)

2 - Explains processes and phenomenon (52.17)

3 - Constructs models using materials from surroundings and explains their working (54.53)

4 - Classifies materials and organisms based on properties/characteristics (57.98)

5 - Measures angles of incidence and reflection, etc. (59.09)

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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