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

District Report Card: 2017	
State: Rajasthan	**District:** Jhunjhunu
Class: 8	**Subject:** Science
Schools: 49	**Students:** 1018

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	466	45.78	552	54.22

AREA	Rural		Urban	
	Number	%	Number	%
	899	88.31	119	11.69

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	398	39.10	39	3.83	478	46.95	103	10.12

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

Management	Government		Government-aided	
	Number	%	Number	%
	1018	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
71.73	69.54	73.57	71.38	74.34	71.73	0.00	70.55	73.68	71.70	75.66

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	73.44
SCI704	Conducts simple investigation to seek answers to queries	45.78
SCI705	Relates processes and phenomenon with causes	65.47
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	85.76
SCI710	Plots and interprets graphs	71.79
SCI711	Constructs models using materials from surroundings and explains their working	73.37
SCI801	Differentiates materials, organism and processes	79.53
SCI804	Relates processes and phenomenon with causes	83.04
SCI805	Explains processes and phenomenon	62.39
SCI807	Measures angles of incidence and reflection, etc.	65.72
SCI811	Applies learning of scientific concepts in day-to-day life	77.70
SCI813	Makes efforts to protect environment	86.54

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
46	4.52	123	12.08	304	29.86	545	53.54

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (45.78)

2 - Explains processes and phenomenon (62.39)

3 - Relates processes and phenomenon with causes (65.47)

4 - Measures angles of incidence and reflection, etc. (65.72)

5 - Plots and interprets graphs (71.79)

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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