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

District Report Card: 2017	
State: Rajasthan	**District:** Jaipur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1205

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	480	39.83	725	60.17

AREA	Rural		Urban	
	Number	%	Number	%
	1018	84.48	187	15.52

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	307	25.48	137	11.37	593	49.21	168	13.94

CWSN	LD	VI	HI	S&LD	ID	Oth
	4	3	0	0	0	6

Management	Government		Government-aided	
	Number	%	Number	%
	1205	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
65.74	63.56	67.19	64.93	70.16	65.74	0.00	64.86	66.33	66.18	65.32

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	66.72
SCI704	Conducts simple investigation to seek answers to queries	39.03
SCI705	Relates processes and phenomenon with causes	59.70
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	76.27
SCI710	Plots and interprets graphs	67.55
SCI711	Constructs models using materials from surroundings and explains their working	59.40
SCI801	Differentiates materials, organism and processes	76.57
SCI804	Relates processes and phenomenon with causes	72.71
SCI805	Explains processes and phenomenon	56.05
SCI807	Measures angles of incidence and reflection, etc.	62.82
SCI811	Applies learning of scientific concepts in day-to-day life	72.62
SCI813	Makes efforts to protect environment	80.33

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
92	7.63	165	13.69	531	44.07	417	34.61

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (39.03)

2 - Explains processes and phenomenon (56.05)

3 - Constructs models using materials from surroundings and explains their working (59.40)

4 - Relates processes and phenomenon with causes (59.70)

5 - Measures angles of incidence and reflection, etc. (62.82)

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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