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

District Report Card: 2017	
State: Rajasthan	**District:** Jalor
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1212

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	622	51.32	590	48.68

AREA	Rural		Urban	
	Number	%	Number	%
	1212	100.00	0	0.00

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	297	24.50	94	7.76	609	50.25	212	17.49

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	1	5	6	3	2

Management	Government		Government-aided	
	Number	%	Number	%
	1212	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
60.22	58.52	62.01	60.22	0.00	60.22	0.00	57.87	49.65	62.34	62.11

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	60.24
SCI704	Conducts simple investigation to seek answers to queries	32.71
SCI705	Relates processes and phenomenon with causes	59.56
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	70.30
SCI710	Plots and interprets graphs	59.77
SCI711	Constructs models using materials from surroundings and explains their working	56.93
SCI801	Differentiates materials, organism and processes	72.20
SCI804	Relates processes and phenomenon with causes	71.79
SCI805	Explains processes and phenomenon	47.73
SCI807	Measures angles of incidence and reflection, etc.	55.61
SCI811	Applies learning of scientific concepts in day-to-day life	62.86
SCI813	Makes efforts to protect environment	81.60

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
144	11.88	245	20.21	462	38.12	361	29.79

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (32.71)

2 - Explains processes and phenomenon (47.73)

3 - Measures angles of incidence and reflection, etc. (55.61)

4 - Constructs models using materials from surroundings and explains their working (56.93)

5 - Relates processes and phenomenon with causes (59.56)

CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.