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

District Report Card: 2017	
State: Rajasthan	**District:** Jodhpur
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1173

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	596	50.81	577	49.19

AREA	Rural		Urban	
	Number	%	Number	%
	1070	91.22	103	8.78

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	305	26.00	40	3.41	661	56.35	167	14.24

CWSN	LD	VI	HI	S&LD	ID	Oth
	4	1	2	5	2	0

Management	Government		Government-aided	
	Number	%	Number	%
	1173	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
63.75	65.92	61.51	65.18	48.93	63.75	0.00	66.32	63.67	63.13	61.56

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	66.48
SCI704	Conducts simple investigation to seek answers to queries	41.77
SCI705	Relates processes and phenomenon with causes	59.13
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	71.87
SCI710	Plots and interprets graphs	64.51
SCI711	Constructs models using materials from surroundings and explains their working	67.13
SCI801	Differentiates materials, organism and processes	74.32
SCI804	Relates processes and phenomenon with causes	73.95
SCI805	Explains processes and phenomenon	56.65
SCI807	Measures angles of incidence and reflection, etc.	52.00
SCI811	Applies learning of scientific concepts in day-to-day life	68.08
SCI813	Makes efforts to protect environment	75.45

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
155	13.21	175	14.92	384	32.74	459	39.13

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (41.77)

2 - Measures angles of incidence and reflection, etc. (52.00)

3 - Explains processes and phenomenon (56.65)

4 - Relates processes and phenomenon with causes (59.13)

5 - Plots and interprets graphs (64.51)

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

2