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

District Report Card: 2017	
State: Rajasthan	**District:** Sirohi
Class: 8	**Subject:** Science
Schools: 48	**Students:** 1229

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	719	58.50	510	41.50

AREA	Rural		Urban	
	Number	%	Number	%
	1132	92.11	97	7.89

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	358	29.13	324	26.36	437	35.56	110	8.95

CWSN	LD	VI	HI	S&LD	ID	Oth
	6	0	5	5	2	5

Management	Government		Government-aided	
	Number	%	Number	%
	1229	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
52.13	51.64	52.82	53.23	39.24	52.13	0.00	52.38	47.92	54.45	54.48

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	51.25
SCI704	Conducts simple investigation to seek answers to queries	35.55
SCI705	Relates processes and phenomenon with causes	48.95
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	62.41
SCI710	Plots and interprets graphs	48.60
SCI711	Constructs models using materials from surroundings and explains their working	52.06
SCI801	Differentiates materials, organism and processes	59.84
SCI804	Relates processes and phenomenon with causes	58.48
SCI805	Explains processes and phenomenon	43.92
SCI807	Measures angles of incidence and reflection, etc.	48.82
SCI811	Applies learning of scientific concepts in day-to-day life	53.80
SCI813	Makes efforts to protect environment	67.70

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
258	20.99	332	27.01	390	31.73	249	20.26

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (35.55)

2 - Explains processes and phenomenon (43.92)

3 - Plots and interprets graphs (48.60)

4 - Measures angles of incidence and reflection, etc. (48.82)

5 - Relates processes and phenomenon with causes (48.95)

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

2