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

District Report Card: 2017	
State: Rajasthan	**District:** Bundi
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1123

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	535	47.64	588	52.36

AREA	Rural		Urban	
	Number	%	Number	%
	1040	92.61	83	7.39

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	268	23.86	251	22.35	567	50.49	37	3.29

CWSN	LD	VI	HI	S&LD	ID	Oth
	4	2	2	2	5	23

Management	Government		Government-aided	
	Number	%	Number	%
	1123	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
66.79	67.98	65.71	67.62	56.39	66.79	0.00	63.83	70.57	66.49	67.21

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	65.18
SCI704	Conducts simple investigation to seek answers to queries	44.92
SCI705	Relates processes and phenomenon with causes	59.87
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	75.78
SCI710	Plots and interprets graphs	72.38
SCI711	Constructs models using materials from surroundings and explains their working	69.13
SCI801	Differentiates materials, organism and processes	74.76
SCI804	Relates processes and phenomenon with causes	74.55
SCI805	Explains processes and phenomenon	56.74
SCI807	Measures angles of incidence and reflection, etc.	69.28
SCI811	Applies learning of scientific concepts in day-to-day life	71.20
SCI813	Makes efforts to protect environment	81.57

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
105	9.35	160	14.25	379	33.75	479	42.65

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (44.92)

2 - Explains processes and phenomenon (56.74)

3 - Relates processes and phenomenon with causes (59.87)

4 - Classifies materials and organisms based on properties/characteristics (65.18)

5 - Constructs models using materials from surroundings and explains their working (69.13)

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

2