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

District Report Card: 2017	
State: Rajasthan	**District:** Baran
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1143

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	574	50.22	569	49.78

AREA	Rural		Urban	
	Number	%	Number	%
	1111	97.20	32	2.80

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	247	21.61	371	32.46	472	41.29	53	4.64

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	3	0	3	3	1

Management	Government		Government-aided	
	Number	%	Number	%
	1143	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
55.54	57.26	53.80	55.86	44.38	55.54	0.00	51.47	57.86	55.99	54.21

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	55.37
SCI704	Conducts simple investigation to seek answers to queries	33.41
SCI705	Relates processes and phenomenon with causes	51.39
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	68.68
SCI710	Plots and interprets graphs	52.31
SCI711	Constructs models using materials from surroundings and explains their working	52.14
SCI801	Differentiates materials, organism and processes	65.11
SCI804	Relates processes and phenomenon with causes	56.41
SCI805	Explains processes and phenomenon	46.11
SCI807	Measures angles of incidence and reflection, etc.	50.13
SCI811	Applies learning of scientific concepts in day-to-day life	60.74
SCI813	Makes efforts to protect environment	72.62

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
180	15.75	298	26.07	416	36.40	249	21.78

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (33.41)

2 - Explains processes and phenomenon (46.11)

3 - Measures angles of incidence and reflection, etc. (50.13)

4 - Relates processes and phenomenon with causes (51.39)

5 - Constructs models using materials from surroundings and explains their working (52.14)

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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