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

District Report Card: 2017	
State: Rajasthan	**District:** Pratapgarh (raj.)
Class: 8	**Subject:** Science
Schools: 49	**Students:** 1227

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	665	54.20	562	45.80

AREA	Rural		Urban	
	Number	%	Number	%
	1189	96.90	38	3.10

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	88	7.17	921	75.06	170	13.85	48	3.91

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	7	2	1	1	0

Management	Government		Government-aided	
	Number	%	Number	%
	1227	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
51.56	54.04	48.62	51.04	67.72	51.56	0.00	55.08	50.64	53.69	55.14

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	51.70
SCI704	Conducts simple investigation to seek answers to queries	32.87
SCI705	Relates processes and phenomenon with causes	50.03
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	61.86
SCI710	Plots and interprets graphs	51.41
SCI711	Constructs models using materials from surroundings and explains their working	44.09
SCI801	Differentiates materials, organism and processes	57.35
SCI804	Relates processes and phenomenon with causes	63.73
SCI805	Explains processes and phenomenon	45.01
SCI807	Measures angles of incidence and reflection, etc.	48.41
SCI811	Applies learning of scientific concepts in day-to-day life	53.98
SCI813	Makes efforts to protect environment	64.79

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
256	20.86	308	25.10	456	37.16	207	16.87

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (32.87)

2 - Constructs models using materials from surroundings and explains their working (44.09)

3 - Explains processes and phenomenon (45.01)

4 - Measures angles of incidence and reflection, etc. (48.41)

5 - Relates processes and phenomenon with causes (50.03)

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

2