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

Government of India
MHRD

NCERT

District Report Card: 2017	
State: Uttar Pradesh	**District:** Saharanpur
Class: 8	**Subject:** Science
Schools: 47	**Students:** 434

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	189	43.55	245	56.45

AREA	Rural		Urban	
	Number	%	Number	%
	331	76.27	103	23.73

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	179	41.24	0	0.00	199	45.85	56	12.90

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	0	0	1	0	12

Management	Government		Government-aided	
	Number	%	Number	%
	269	61.98	165	38.02

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
40.41	**42.96**	**38.45**	**43.54**	**30.36**	**42.87**	**36.40**	**43.02**	**0.00**	**39.06**	**36.90**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.74
SCI704	Conducts simple investigation to seek answers to queries	23.39
SCI705	Relates processes and phenomenon with causes	38.06
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	42.17
SCI710	Plots and interprets graphs	36.69
SCI711	Constructs models using materials from surroundings and explains their working	42.74
SCI801	Differentiates materials, organism and processes	47.63
SCI804	Relates processes and phenomenon with causes	42.74
SCI805	Explains processes and phenomenon	33.55
SCI807	Measures angles of incidence and reflection, etc.	35.02
SCI811	Applies learning of scientific concepts in day-to-day life	45.87
SCI813	Makes efforts to protect environment	54.15

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
157	36.18	129	29.72	126	29.03	22	5.07

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (23.39)

2 - Explains processes and phenomenon (33.55)

3 - Measures angles of incidence and reflection, etc. (35.02)

4 - Plots and interprets graphs (36.69)

5 - Relates processes and phenomenon with causes (38.06)

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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