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

Government of India
MHRD

District Report Card: 2017	
State: Uttar Pradesh	**District:** Bareilly
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1027

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	462	44.99	565	55.01

AREA	Rural		Urban	
	Number	%	Number	%
	813	79.16	214	20.84

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	257	25.02	0	0.00	642	62.51	128	12.46

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	1	0	5	3	30

Management	Government		Government-aided	
	Number	%	Number	%
	697	67.87	330	32.13

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
42.17	**42.93**	**41.56**	**45.78**	**28.47**	**44.01**	**38.30**	**43.55**	**0.00**	**42.08**	**39.90**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.52
SCI704	Conducts simple investigation to seek answers to queries	32.16
SCI705	Relates processes and phenomenon with causes	36.98
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	53.85
SCI710	Plots and interprets graphs	34.94
SCI711	Constructs models using materials from surroundings and explains their working	39.19
SCI801	Differentiates materials, organism and processes	47.12
SCI804	Relates processes and phenomenon with causes	46.53
SCI805	Explains processes and phenomenon	36.85
SCI807	Measures angles of incidence and reflection, etc.	43.04
SCI811	Applies learning of scientific concepts in day-to-day life	40.29
SCI813	Makes efforts to protect environment	57.55

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
351	34.18	315	30.67	272	26.48	89	8.67

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (32.16)

2 - Plots and interprets graphs (34.94)

3 - Explains processes and phenomenon (36.85)

4 - Relates processes and phenomenon with causes (36.98)

5 - Constructs models using materials from surroundings and explains their working (39.19)

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