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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Bulandshahr
Class: 8	**Subject:** Science
Schools: 48	**Students:** 1002

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	483	48.20	519	51.80

AREA	Rural		Urban	
	Number	%	Number	%
	874	87.23	128	12.77

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	319	31.84	1	0.10	524	52.30	158	15.77

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	1	0	0	2	23

Management	Government		Government-aided	
	Number	%	Number	%
	488	48.70	514	51.30

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
32.42	30.30	34.39	32.17	34.06	31.68	33.11	30.49	13.33	33.92	31.43

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	28.35
SCI704	Conducts simple investigation to seek answers to queries	21.93
SCI705	Relates processes and phenomenon with causes	32.40
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	42.02
SCI710	Plots and interprets graphs	27.58
SCI711	Constructs models using materials from surroundings and explains their working	30.75
SCI801	Differentiates materials, organism and processes	38.81
SCI804	Relates processes and phenomenon with causes	31.75
SCI805	Explains processes and phenomenon	28.80
SCI807	Measures angles of incidence and reflection, etc.	28.74
SCI811	Applies learning of scientific concepts in day-to-day life	33.81
SCI813	Makes efforts to protect environment	41.02

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
522	52.10	264	26.35	184	18.36	32	3.19

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (21.93)

2 - Plots and interprets graphs (27.58)

3 - Classifies materials and organisms based on properties/characteristics (28.35)

4 - Measures angles of incidence and reflection, etc. (28.74)

5 - Explains processes and phenomenon (28.80)

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