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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Barabanki
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1198

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	527	43.99	671	56.01

AREA	Rural		Urban	
	Number	%	Number	%
	1142	95.33	56	4.67

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	458	38.23	19	1.59	606	50.58	115	9.60

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

Management	Government		Government-aided	
	Number	%	Number	%
	904	75.46	294	24.54

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
54.10	55.42	53.06	55.24	30.71	54.63	52.45	53.62	40.35	54.16	57.91

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	52.24
SCI704	Conducts simple investigation to seek answers to queries	35.36
SCI705	Relates processes and phenomenon with causes	48.18
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	71.62
SCI710	Plots and interprets graphs	44.88
SCI711	Constructs models using materials from surroundings and explains their working	54.10
SCI801	Differentiates materials, organism and processes	60.21
SCI804	Relates processes and phenomenon with causes	55.29
SCI805	Explains processes and phenomenon	45.64
SCI807	Measures angles of incidence and reflection, etc.	59.93
SCI811	Applies learning of scientific concepts in day-to-day life	56.00
SCI813	Makes efforts to protect environment	70.53

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
211	17.61	338	28.21	388	32.39	261	21.79

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (35.36)

2 - Plots and interprets graphs (44.88)

3 - Explains processes and phenomenon (45.64)

4 - Relates processes and phenomenon with causes (48.18)

5 - Classifies materials and organisms based on properties/characteristics (52.24)

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