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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Gautam Buddha Nagar
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1082

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	564	52.13	518	47.87

AREA	Rural		Urban	
	Number	%	Number	%
	755	69.78	327	30.22

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	309	28.56	15	1.39	542	50.09	216	19.96

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

Management	Government		Government-aided	
	Number	%	Number	%
	541	50.00	541	50.00

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
38.30	38.59	37.98	41.21	31.58	40.81	35.79	36.38	31.11	39.25	39.17

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.08
SCI704	Conducts simple investigation to seek answers to queries	21.55
SCI705	Relates processes and phenomenon with causes	35.85
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	47.32
SCI710	Plots and interprets graphs	26.73
SCI711	Constructs models using materials from surroundings and explains their working	29.16
SCI801	Differentiates materials, organism and processes	44.84
SCI804	Relates processes and phenomenon with causes	41.50
SCI805	Explains processes and phenomenon	34.44
SCI807	Measures angles of incidence and reflection, etc.	31.79
SCI811	Applies learning of scientific concepts in day-to-day life	41.31
SCI813	Makes efforts to protect environment	57.39

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
432	39.93	356	32.90	232	21.44	62	5.73

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (21.55)

2 - Plots and interprets graphs (26.73)

3 - Constructs models using materials from surroundings and explains their working (29.16)

4 - Measures angles of incidence and reflection, etc. (31.79)

5 - Explains processes and phenomenon (34.44)

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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