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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Azamgarh
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1040

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	487	46.83	553	53.17

AREA	Rural		Urban	
	Number	%	Number	%
	967	92.98	73	7.02

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	339	32.60	12	1.15	592	56.92	97	9.33

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	3	2	6	2	47

Management	Government		Government-aided	
	Number	%	Number	%
	883	84.90	157	15.10

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
44.69	46.89	42.75	45.47	34.34	45.05	42.63	44.92	37.78	45.00	42.82

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.04
SCI704	Conducts simple investigation to seek answers to queries	27.63
SCI705	Relates processes and phenomenon with causes	43.91
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	62.69
SCI710	Plots and interprets graphs	37.78
SCI711	Constructs models using materials from surroundings and explains their working	37.58
SCI801	Differentiates materials, organism and processes	52.76
SCI804	Relates processes and phenomenon with causes	48.08
SCI805	Explains processes and phenomenon	35.02
SCI807	Measures angles of incidence and reflection, etc.	53.46
SCI811	Applies learning of scientific concepts in day-to-day life	40.52
SCI813	Makes efforts to protect environment	65.19

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
263	25.29	368	35.38	338	32.50	71	6.83

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (27.63)

2 - Explains processes and phenomenon (35.02)

3 - Constructs models using materials from surroundings and explains their working (37.58)

4 - Plots and interprets graphs (37.78)

5 - Applies learning of scientific concepts in day-to-day life (40.52)

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

2