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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Aligarh
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1009

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	481	47.67	528	52.33

AREA	Rural		Urban	
	Number	%	Number	%
	1009	100.00	0	0.00

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	229	22.70	1	0.10	528	52.33	251	24.88

CWSN	LD	VI	HI	S&LD	ID	Oth
	4	29	0	1	1	27

Management	Government		Government-aided	
	Number	%	Number	%
	828	82.06	181	17.94

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
42.93	45.23	40.85	42.93	0.00	44.20	37.13	45.07	0.00	43.21	40.58

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.62
SCI704	Conducts simple investigation to seek answers to queries	23.10
SCI705	Relates processes and phenomenon with causes	41.21
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	58.87
SCI710	Plots and interprets graphs	39.34
SCI711	Constructs models using materials from surroundings and explains their working	39.73
SCI801	Differentiates materials, organism and processes	46.45
SCI804	Relates processes and phenomenon with causes	47.67
SCI805	Explains processes and phenomenon	36.35
SCI807	Measures angles of incidence and reflection, etc.	47.77
SCI811	Applies learning of scientific concepts in day-to-day life	41.44
SCI813	Makes efforts to protect environment	62.14

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
326	32.31	288	28.54	330	32.71	65	6.44

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (23.10)

2 - Explains processes and phenomenon (36.35)

3 - Plots and interprets graphs (39.34)

4 - Constructs models using materials from surroundings and explains their working (39.73)

5 - Relates processes and phenomenon with causes (41.21)

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

2