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

Government of India
MHRD

District Report Card: 2017	
State: Uttar Pradesh	**District:** Jyotiba Phule Nagar (amroha)
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1000

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	451	45.10	549	54.90

AREA	Rural		Urban	
	Number	%	Number	%
	719	71.90	281	28.10

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	217	21.70	2	0.20	532	53.20	249	24.90

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	0	2	0	2	5

Management	Government		Government-aided	
	Number	%	Number	%
	571	57.10	429	42.90

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
47.46	49.83	45.51	52.60	34.31	47.73	47.10	44.73	43.33	49.42	45.68

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.53
SCI704	Conducts simple investigation to seek answers to queries	33.31
SCI705	Relates processes and phenomenon with causes	44.28
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	65.00
SCI710	Plots and interprets graphs	37.67
SCI711	Constructs models using materials from surroundings and explains their working	42.07
SCI801	Differentiates materials, organism and processes	51.27
SCI804	Relates processes and phenomenon with causes	47.80
SCI805	Explains processes and phenomenon	37.71
SCI807	Measures angles of incidence and reflection, etc.	49.70
SCI811	Applies learning of scientific concepts in day-to-day life	51.25
SCI813	Makes efforts to protect environment	64.40

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
276	27.60	264	26.40	340	34.00	120	12.00

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (33.31)

2 - Plots and interprets graphs (37.67)

3 - Explains processes and phenomenon (37.71)

4 - Constructs models using materials from surroundings and explains their working (42.07)

5 - Classifies materials and organisms based on properties/characteristics (43.53)

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