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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Gorakhpur
Class: 8	**Subject:** Science
Schools: 49	**Students:** 908

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	440	48.46	468	51.54

AREA	Rural		Urban	
	Number	%	Number	%
	815	89.76	93	10.24

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	341	37.56	0	0.00	525	57.82	42	4.63

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	0	1	0	3	1

Management	Government		Government-aided	
	Number	%	Number	%
	546	60.13	362	39.87

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
37.46	**36.15**	**38.69**	**37.68**	**35.56**	**42.19**	**30.33**	**36.42**	**0.00**	**38.16**	**37.14**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.49
SCI704	Conducts simple investigation to seek answers to queries	28.35
SCI705	Relates processes and phenomenon with causes	34.34
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	44.82
SCI710	Plots and interprets graphs	30.11
SCI711	Constructs models using materials from surroundings and explains their working	30.54
SCI801	Differentiates materials, organism and processes	44.18
SCI804	Relates processes and phenomenon with causes	40.86
SCI805	Explains processes and phenomenon	33.01
SCI807	Measures angles of incidence and reflection, etc.	37.11
SCI811	Applies learning of scientific concepts in day-to-day life	36.08
SCI813	Makes efforts to protect environment	52.09

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
402	44.27	262	28.85	163	17.95	81	8.92

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (28.35)

2 - Plots and interprets graphs (30.11)

3 - Constructs models using materials from surroundings and explains their working (30.54)

4 - Explains processes and phenomenon (33.01)

5 - Relates processes and phenomenon with causes (34.34)

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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