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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Auraiya
Class: 8	**Subject:** Science
Schools: 49	**Students:** 1035

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	477	46.09	558	53.91

AREA	Rural		Urban	
	Number	%	Number	%
	1000	96.62	35	3.38

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	388	37.49	16	1.55	482	46.57	149	14.40

CWSN	LD	VI	HI	S&LD	ID	Oth
	6	2	1	1	15	0

Management	Government		Government-aided	
	Number	%	Number	%
	525	50.72	510	49.28

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
50.25	**51.39**	**49.28**	**50.06**	**55.81**	**49.63**	**50.90**	**47.32**	**45.00**	**51.67**	**53.87**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	48.68
SCI704	Conducts simple investigation to seek answers to queries	33.73
SCI705	Relates processes and phenomenon with causes	48.45
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	71.59
SCI710	Plots and interprets graphs	60.18
SCI711	Constructs models using materials from surroundings and explains their working	46.13
SCI801	Differentiates materials, organism and processes	51.89
SCI804	Relates processes and phenomenon with causes	52.43
SCI805	Explains processes and phenomenon	37.62
SCI807	Measures angles of incidence and reflection, etc.	54.01
SCI811	Applies learning of scientific concepts in day-to-day life	48.81
SCI813	Makes efforts to protect environment	68.70

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
250	24.15	225	21.74	392	37.87	168	16.23

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (33.73)

2 - Explains processes and phenomenon (37.62)

3 - Constructs models using materials from surroundings and explains their working (46.13)

4 - Relates processes and phenomenon with causes (48.45)

5 - Classifies materials and organisms based on properties/characteristics (48.68)

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