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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Kanpur Nagar
Class: 8	**Subject:** Science
Schools: 48	**Students:** 918

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	424	46.19	494	53.81

AREA	Rural		Urban	
	Number	%	Number	%
	913	99.46	5	0.54

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	299	32.57	44	4.79	397	43.25	178	19.39

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

Management	Government		Government-aided	
	Number	%	Number	%
	525	57.19	393	42.81

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
39.32	**37.94**	**40.50**	**39.14**	**72.00**	**40.29**	**38.02**	**40.07**	**16.67**	**40.91**	**40.11**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.92
SCI704	Conducts simple investigation to seek answers to queries	27.68
SCI705	Relates processes and phenomenon with causes	38.10
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	47.39
SCI710	Plots and interprets graphs	31.91
SCI711	Constructs models using materials from surroundings and explains their working	37.60
SCI801	Differentiates materials, organism and processes	42.59
SCI804	Relates processes and phenomenon with causes	40.24
SCI805	Explains processes and phenomenon	32.66
SCI807	Measures angles of incidence and reflection, etc.	36.38
SCI811	Applies learning of scientific concepts in day-to-day life	41.44
SCI813	Makes efforts to protect environment	52.83

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
374	40.74	217	23.64	234	25.49	93	10.13

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (27.68)

2 - Plots and interprets graphs (31.91)

3 - Explains processes and phenomenon (32.66)

4 - Measures angles of incidence and reflection, etc. (36.38)

5 - Constructs models using materials from surroundings and explains their working (37.60)

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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