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

Government of India
MHRD

NCERT

District Report Card: 2017	
State: Uttar Pradesh	**District:** Kanshiram Nagar
Class: 8	**Subject:** Science
Schools: 49	**Students:** 882

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	450	51.02	432	48.98

AREA	Rural		Urban	
	Number	%	Number	%
	580	65.76	302	34.24

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	212	24.04	13	1.47	549	62.24	108	12.24

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

Management	Government		Government-aided	
	Number	%	Number	%
	567	64.29	315	35.71

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.63	34.22	41.19	38.34	36.27	38.12	36.76	40.85	21.03	37.34	34.81

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.57
SCI704	Conducts simple investigation to seek answers to queries	20.74
SCI705	Relates processes and phenomenon with causes	36.52
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	49.66
SCI710	Plots and interprets graphs	35.51
SCI711	Constructs models using materials from surroundings and explains their working	33.33
SCI801	Differentiates materials, organism and processes	44.50
SCI804	Relates processes and phenomenon with causes	34.30
SCI805	Explains processes and phenomenon	34.74
SCI807	Measures angles of incidence and reflection, etc.	38.66
SCI811	Applies learning of scientific concepts in day-to-day life	37.14
SCI813	Makes efforts to protect environment	50.68

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
375	42.52	253	28.68	186	21.09	68	7.71

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (20.74)

2 - Constructs models using materials from surroundings and explains their working (33.33)

3 - Relates processes and phenomenon with causes (34.30)

4 - Explains processes and phenomenon (34.74)

5 - Plots and interprets graphs (35.51)

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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