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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Chandauli
Class: 8	**Subject:** Science
Schools: 49	**Students:** 1249

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	557	44.60	692	55.40

AREA	Rural		Urban	
	Number	%	Number	%
	1106	88.55	143	11.45

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	398	31.87	29	2.32	673	53.88	149	11.93

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	3	2	0	0	0

Management	Government		Government-aided	
	Number	%	Number	%
	965	77.26	284	22.74

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
47.24	50.80	44.38	46.82	50.49	46.34	50.31	45.04	47.82	48.74	46.26

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	46.93
SCI704	Conducts simple investigation to seek answers to queries	27.86
SCI705	Relates processes and phenomenon with causes	41.11
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	62.37
SCI710	Plots and interprets graphs	40.69
SCI711	Constructs models using materials from surroundings and explains their working	38.45
SCI801	Differentiates materials, organism and processes	53.84
SCI804	Relates processes and phenomenon with causes	51.86
SCI805	Explains processes and phenomenon	38.26
SCI807	Measures angles of incidence and reflection, etc.	55.16
SCI811	Applies learning of scientific concepts in day-to-day life	48.31
SCI813	Makes efforts to protect environment	64.69

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
344	27.54	324	25.94	429	34.35	152	12.17

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (27.86)

2 - Explains processes and phenomenon (38.26)

3 - Constructs models using materials from surroundings and explains their working (38.45)

4 - Plots and interprets graphs (40.69)

5 - Relates processes and phenomenon with causes (41.11)

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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