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

District Report Card: 2017	
State: Uttarakhand	**District:** Uttarkashi
Class: 8	**Subject:** Science
Schools: 51	**Students:** 988

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	453	45.85	535	54.15

AREA	Rural		Urban	
	Number	%	Number	%
	953	96.46	35	3.54

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	372	37.65	9	0.91	573	58.00	34	3.44

CWSN	LD	VI	HI	S&LD	ID	Oth
	6	0	1	1	1	3

Management	Government		Government-aided	
	Number	%	Number	%
	979	99.09	9	0.91

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
39.94	41.40	38.70	40.41	27.24	39.95	38.52	37.99	40.00	41.40	36.67

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.64
SCI704	Conducts simple investigation to seek answers to queries	19.44
SCI705	Relates processes and phenomenon with causes	36.91
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	35.73
SCI710	Plots and interprets graphs	31.88
SCI711	Constructs models using materials from surroundings and explains their working	25.94
SCI801	Differentiates materials, organism and processes	54.45
SCI804	Relates processes and phenomenon with causes	43.56
SCI805	Explains processes and phenomenon	34.60
SCI807	Measures angles of incidence and reflection, etc.	36.54
SCI811	Applies learning of scientific concepts in day-to-day life	43.00
SCI813	Makes efforts to protect environment	66.50

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
316	31.98	399	40.38	233	23.58	40	4.05

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (19.44)

2 - Constructs models using materials from surroundings and explains their working (25.94)

3 - Plots and interprets graphs (31.88)

4 - Explains processes and phenomenon (34.60)

5 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (35.73)

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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