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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Budaun
Class: 8	**Subject:** Science
Schools: 50	**Students:** 854

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	408	47.78	446	52.22

AREA	Rural		Urban	
	Number	%	Number	%
	767	89.81	87	10.19

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	195	22.83	3	0.35	540	63.23	116	13.58

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

Management	Government		Government-aided	
	Number	%	Number	%
	774	90.63	80	9.37

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
34.06	35.31	32.91	34.53	29.89	35.05	24.50	34.02	22.22	34.26	33.51

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.90
SCI704	Conducts simple investigation to seek answers to queries	19.78
SCI705	Relates processes and phenomenon with causes	32.83
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	42.86
SCI710	Plots and interprets graphs	26.35
SCI711	Constructs models using materials from surroundings and explains their working	28.38
SCI801	Differentiates materials, organism and processes	39.67
SCI804	Relates processes and phenomenon with causes	40.54
SCI805	Explains processes and phenomenon	30.78
SCI807	Measures angles of incidence and reflection, etc.	31.03
SCI811	Applies learning of scientific concepts in day-to-day life	34.02
SCI813	Makes efforts to protect environment	48.59

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
414	48.48	267	31.26	134	15.69	39	4.57

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (19.78)

2 - Plots and interprets graphs (26.35)

3 - Constructs models using materials from surroundings and explains their working (28.38)

4 - Explains processes and phenomenon (30.78)

5 - Measures angles of incidence and reflection, etc. (31.03)

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

2