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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Lalitpur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1120

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	491	43.84	629	56.16

AREA	Rural		Urban	
	Number	%	Number	%
	1070	95.54	50	4.46

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	307	27.41	40	3.57	692	61.79	81	7.23

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

Management	Government		Government-aided	
	Number	%	Number	%
	1072	95.71	48	4.29

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
49.84	48.58	50.82	50.44	37.07	50.73	29.86	49.95	39.83	49.95	53.42

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	53.90
SCI704	Conducts simple investigation to seek answers to queries	30.91
SCI705	Relates processes and phenomenon with causes	44.19
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	66.34
SCI710	Plots and interprets graphs	34.94
SCI711	Constructs models using materials from surroundings and explains their working	50.80
SCI801	Differentiates materials, organism and processes	57.45
SCI804	Relates processes and phenomenon with causes	48.48
SCI805	Explains processes and phenomenon	42.11
SCI807	Measures angles of incidence and reflection, etc.	50.71
SCI811	Applies learning of scientific concepts in day-to-day life	49.27
SCI813	Makes efforts to protect environment	68.66

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
266	23.75	258	23.04	445	39.73	151	13.48

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (30.91)

2 - Plots and interprets graphs (34.94)

3 - Explains processes and phenomenon (42.11)

4 - Relates processes and phenomenon with causes (44.19)

5 - Relates processes and phenomenon with causes (48.48)

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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