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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Shamli (prabudh Nagar)
Class: 8	**Subject:** Science
Schools: 48	**Students:** 519

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	296	57.03	223	42.97

AREA	Rural		Urban	
	Number	%	Number	%
	362	69.75	157	30.25

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	73	14.07	1	0.19	395	76.11	50	9.63

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

Management	Government		Government-aided	
	Number	%	Number	%
	439	84.59	80	15.41

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
20.62	20.05	21.38	19.69	22.76	20.56	20.92	19.91	26.67	20.89	19.33

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	29.84
SCI704	Conducts simple investigation to seek answers to queries	22.19
SCI705	Relates processes and phenomenon with causes	17.49
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	22.74
SCI710	Plots and interprets graphs	20.22
SCI711	Constructs models using materials from surroundings and explains their working	38.24
SCI801	Differentiates materials, organism and processes	18.81
SCI804	Relates processes and phenomenon with causes	11.03
SCI805	Explains processes and phenomenon	24.54
SCI807	Measures angles of incidence and reflection, etc.	6.55
SCI811	Applies learning of scientific concepts in day-to-day life	21.11
SCI813	Makes efforts to protect environment	13.49

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
426	82.08	90	17.34	3	0.58	0	0.00

Lowest Performing Learning Outcomes (LOs)

1 - Measures angles of incidence and reflection, etc. (6.55)

2 - Relates processes and phenomenon with causes (11.03)

3 - Makes efforts to protect environment (13.49)

4 - Relates processes and phenomenon with causes (17.49)

5 - Differentiates materials, organism and processes (18.81)

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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