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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Etawah
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1001

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	460	45.95	541	54.05

AREA	Rural		Urban	
	Number	%	Number	%
	810	80.92	191	19.08

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	360	35.96	4	0.40	519	51.85	118	11.79

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	1	2	3	1	14

Management	Government		Government-aided	
	Number	%	Number	%
	543	54.25	458	45.75

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
46.76	**44.80**	**48.43**	**47.02**	**45.65**	**49.65**	**43.33**	**45.80**	**41.67**	**46.77**	**49.83**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	48.46
SCI704	Conducts simple investigation to seek answers to queries	27.16
SCI705	Relates processes and phenomenon with causes	43.03
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	65.73
SCI710	Plots and interprets graphs	34.15
SCI711	Constructs models using materials from surroundings and explains their working	38.85
SCI801	Differentiates materials, organism and processes	53.92
SCI804	Relates processes and phenomenon with causes	52.76
SCI805	Explains processes and phenomenon	41.18
SCI807	Measures angles of incidence and reflection, etc.	49.35
SCI811	Applies learning of scientific concepts in day-to-day life	45.41
SCI813	Makes efforts to protect environment	62.74

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
281	28.07	291	29.07	300	29.97	129	12.89

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (27.16)

2 - Plots and interprets graphs (34.15)

3 - Constructs models using materials from surroundings and explains their working (38.85)

4 - Explains processes and phenomenon (41.18)

5 - Relates processes and phenomenon with causes (43.03)

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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