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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Ambedkar Nagar
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1415

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	591	41.77	824	58.23

AREA	Rural		Urban	
	Number	%	Number	%
	1326	93.71	89	6.29

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	465	32.86	13	0.92	798	56.40	139	9.82

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	1	6	3	4	64

Management	Government		Government-aided	
	Number	%	Number	%
	723	51.10	692	48.90

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
55.26	57.39	53.73	54.83	61.65	53.29	57.32	54.98	33.33	55.34	57.79

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	59.02
SCI704	Conducts simple investigation to seek answers to queries	39.95
SCI705	Relates processes and phenomenon with causes	50.86
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	71.66
SCI710	Plots and interprets graphs	42.47
SCI711	Constructs models using materials from surroundings and explains their working	56.58
SCI801	Differentiates materials, organism and processes	59.65
SCI804	Relates processes and phenomenon with causes	61.92
SCI805	Explains processes and phenomenon	46.62
SCI807	Measures angles of incidence and reflection, etc.	63.25
SCI811	Applies learning of scientific concepts in day-to-day life	51.33
SCI813	Makes efforts to protect environment	70.46

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
269	19.01	272	19.22	576	40.71	298	21.06

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (39.95)

2 - Plots and interprets graphs (42.47)

3 - Explains processes and phenomenon (46.62)

4 - Relates processes and phenomenon with causes (50.86)

5 - Applies learning of scientific concepts in day-to-day life (51.33)

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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