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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Fatehpur
Class: 8	**Subject:** Science
Schools: 48	**Students:** 701

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	286	40.80	415	59.20

AREA	Rural		Urban	
	Number	%	Number	%
	636	90.73	65	9.27

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	223	31.81	34	4.85	329	46.93	115	16.41

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	0	0	1	0	27

Management	Government		Government-aided	
	Number	%	Number	%
	402	57.35	299	42.65

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
50.83	51.24	50.55	53.19	27.79	52.22	48.96	51.45	45.88	51.17	50.14

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	53.99
SCI704	Conducts simple investigation to seek answers to queries	38.53
SCI705	Relates processes and phenomenon with causes	42.41
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	70.61
SCI710	Plots and interprets graphs	53.66
SCI711	Constructs models using materials from surroundings and explains their working	39.63
SCI801	Differentiates materials, organism and processes	59.96
SCI804	Relates processes and phenomenon with causes	65.24
SCI805	Explains processes and phenomenon	44.75
SCI807	Measures angles of incidence and reflection, etc.	56.78
SCI811	Applies learning of scientific concepts in day-to-day life	48.01
SCI813	Makes efforts to protect environment	63.05

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
161	22.97	156	22.25	285	40.66	99	14.12

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (38.53)

2 - Constructs models using materials from surroundings and explains their working (39.63)

3 - Relates processes and phenomenon with causes (42.41)

4 - Explains processes and phenomenon (44.75)

5 - Applies learning of scientific concepts in day-to-day life (48.01)

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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