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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Shahjahanpur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 834

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	414	49.64	420	50.36

AREA	Rural		Urban	
	Number	%	Number	%
	719	86.21	115	13.79

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	189	22.66	9	1.08	499	59.83	137	16.43

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

Management	Government		Government-aided	
	Number	%	Number	%
	648	77.70	186	22.30

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
41.41	42.66	40.17	42.50	34.55	44.17	31.79	37.71	45.19	42.87	40.92

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.20
SCI704	Conducts simple investigation to seek answers to queries	23.53
SCI705	Relates processes and phenomenon with causes	40.09
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	56.47
SCI710	Plots and interprets graphs	31.10
SCI711	Constructs models using materials from surroundings and explains their working	34.65
SCI801	Differentiates materials, organism and processes	47.57
SCI804	Relates processes and phenomenon with causes	45.08
SCI805	Explains processes and phenomenon	37.84
SCI807	Measures angles of incidence and reflection, etc.	44.12
SCI811	Applies learning of scientific concepts in day-to-day life	37.25
SCI813	Makes efforts to protect environment	62.35

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
288	34.53	262	31.41	235	28.18	49	5.88

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (23.53)

2 - Plots and interprets graphs (31.10)

3 - Constructs models using materials from surroundings and explains their working (34.65)

4 - Applies learning of scientific concepts in day-to-day life (37.25)

5 - Explains processes and phenomenon (37.84)

CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.