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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Sultanpur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1108

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	516	46.57	592	53.43

AREA	Rural		Urban	
	Number	%	Number	%
	1067	96.30	41	3.70

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	317	28.61	5	0.45	560	50.54	226	20.40

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	1	1	0	3	4

Management	Government		Government-aided	
	Number	%	Number	%
	703	63.45	405	36.55

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
46.29	44.96	47.44	46.59	38.54	48.66	42.17	48.83	48.00	45.33	45.04

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.97
SCI704	Conducts simple investigation to seek answers to queries	27.08
SCI705	Relates processes and phenomenon with causes	46.01
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	56.95
SCI710	Plots and interprets graphs	41.19
SCI711	Constructs models using materials from surroundings and explains their working	39.27
SCI801	Differentiates materials, organism and processes	59.41
SCI804	Relates processes and phenomenon with causes	54.97
SCI805	Explains processes and phenomenon	33.66
SCI807	Measures angles of incidence and reflection, etc.	46.30
SCI811	Applies learning of scientific concepts in day-to-day life	46.33
SCI813	Makes efforts to protect environment	60.20

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
327	29.51	307	27.71	325	29.33	149	13.45

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (27.08)

2 - Explains processes and phenomenon (33.66)

3 - Constructs models using materials from surroundings and explains their working (39.27)

4 - Plots and interprets graphs (41.19)

5 - Classifies materials and organisms based on properties/characteristics (44.97)

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