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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Mirzapur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1209

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	572	47.31	637	52.69

AREA	Rural		Urban	
	Number	%	Number	%
	1115	92.22	94	7.78

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	488	40.36	6	0.50	628	51.94	87	7.20

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	0	0	1	0	46

Management	Government		Government-aided	
	Number	%	Number	%
	1017	84.12	192	15.88

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
24.71	25.45	24.05	25.44	16.10	24.67	24.93	23.33	27.78	25.64	25.59

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	17.58
SCI704	Conducts simple investigation to seek answers to queries	18.99
SCI705	Relates processes and phenomenon with causes	35.59
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	34.49
SCI710	Plots and interprets graphs	30.79
SCI711	Constructs models using materials from surroundings and explains their working	36.95
SCI801	Differentiates materials, organism and processes	26.65
SCI804	Relates processes and phenomenon with causes	12.97
SCI805	Explains processes and phenomenon	23.26
SCI807	Measures angles of incidence and reflection, etc.	10.84
SCI811	Applies learning of scientific concepts in day-to-day life	29.21
SCI813	Makes efforts to protect environment	15.72

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
823	68.07	241	19.93	120	9.93	25	2.07

Lowest Performing Learning Outcomes (LOs)

1 - Measures angles of incidence and reflection, etc. (10.84)

2 - Relates processes and phenomenon with causes (12.97)

3 - Makes efforts to protect environment (15.72)

4 - Classifies materials and organisms based on properties/characteristics (17.58)

5 - Conducts simple investigation to seek answers to queries (18.99)

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