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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Mathura
Class: 8	**Subject:** Science
Schools: 51	**Students:** 901

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	455	50.50	446	49.50

AREA	Rural		Urban	
	Number	%	Number	%
	901	100.00	0	0.00

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	338	37.51	3	0.33	367	40.73	193	21.42

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

Management	Government		Government-aided	
	Number	%	Number	%
	540	59.93	361	40.07

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
48.75	49.66	47.82	48.75	0.00	50.52	46.09	48.78	40.00	47.57	51.05

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	45.66
SCI704	Conducts simple investigation to seek answers to queries	29.64
SCI705	Relates processes and phenomenon with causes	45.05
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	66.81
SCI710	Plots and interprets graphs	47.71
SCI711	Constructs models using materials from surroundings and explains their working	45.53
SCI801	Differentiates materials, organism and processes	53.88
SCI804	Relates processes and phenomenon with causes	55.77
SCI805	Explains processes and phenomenon	38.64
SCI807	Measures angles of incidence and reflection, etc.	54.27
SCI811	Applies learning of scientific concepts in day-to-day life	48.45
SCI813	Makes efforts to protect environment	67.81

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
218	24.20	245	27.19	333	36.96	105	11.65

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (29.64)

2 - Explains processes and phenomenon (38.64)

3 - Relates processes and phenomenon with causes (45.05)

4 - Constructs models using materials from surroundings and explains their working (45.53)

5 - Classifies materials and organisms based on properties/characteristics (45.66)

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

2