



### District Report Card: 2017


<b>State:</b> Uttar Pradesh	<b>District:</b> Basti
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 49	<b>Students:</b> 1000


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	396	39.60	604	60.40

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	984	98.40	16	1.60

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	310	31.00	1	0.10	533	53.30	156	15.60

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	0	2	1	0	0	32

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	441	44.10	559	55.90

### Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
51.31	49.98	52.17	51.15	60.83	53.47	49.60	49.01	46.67	50.77	57.74

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	48.64
SCI704	Conducts simple investigation to seek answers to queries	31.86
SCI705	Relates processes and phenomenon with causes	46.23
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	73.70
SCI710	Plots and interprets graphs	49.11
SCI711	Constructs models using materials from surroundings and explains their working	58.05
SCI801	Differentiates materials, organism and processes	57.03
SCI804	Relates processes and phenomenon with causes	51.89
SCI805	Explains processes and phenomenon	43.49
SCI807	Measures angles of incidence and reflection, etc.	63.60
SCI811	Applies learning of scientific concepts in day-to-day life	46.49
SCI813	Makes efforts to protect environment	67.00

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
195	19.50	243	24.30	417	41.70	145	14.50

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (31.86)
- 2 - Explains processes and phenomenon (43.49)
- 3 - Relates processes and phenomenon with causes (46.23)
- 4 - Applies learning of scientific concepts in day-to-day life (46.49)
- 5 - Classifies materials and organisms based on properties/characteristics (48.64)