



### District Report Card: 2017


<b>State:</b> Uttar Pradesh	<b>District:</b> Bahraich
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 47	<b>Students:</b> 963


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	581	60.33	382	39.67

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	888	92.21	75	7.79

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	147	15.26	21	2.18	545	56.59	250	25.96

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	1	0	0	0	31

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	840	87.23	123	12.77

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
22.55	20.96	24.96	23.13	15.64	23.52	15.93	20.82	25.71	22.50	23.41

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	21.62
SCI704	Conducts simple investigation to seek answers to queries	11.85
SCI705	Relates processes and phenomenon with causes	17.03
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	32.09
SCI710	Plots and interprets graphs	20.89
SCI711	Constructs models using materials from surroundings and explains their working	17.79
SCI801	Differentiates materials, organism and processes	25.49
SCI804	Relates processes and phenomenon with causes	29.40
SCI805	Explains processes and phenomenon	17.46
SCI807	Measures angles of incidence and reflection, etc.	29.70
SCI811	Applies learning of scientific concepts in day-to-day life	20.73
SCI813	Makes efforts to protect environment	36.45

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
670	69.57	182	18.90	90	9.35	21	2.18

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (11.85)
- 2 - Relates processes and phenomenon with causes (17.03)
- 3 - Explains processes and phenomenon (17.46)
- 4 - Constructs models using materials from surroundings and explains their working (17.79)
- 5 - Applies learning of scientific concepts in day-to-day life (20.73)