



### District Report Card: 2017


<b>State:</b> Uttar Pradesh	<b>District:</b> Ballia
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 48	<b>Students:</b> 899


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	445	49.50	454	50.50

 AREA	Rural		Urban	
	Number	%	Number	%
	874	97.22	25	2.78

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	214	23.80	69	7.68	542	60.29	74	8.23

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

 Management	Government		Government-aided	
	Number	%	Number	%
	612	68.08	287	31.92

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
49.01	49.18	48.84	50.07	12.00	48.04	51.08	53.18	43.77	48.03	49.01

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	48.13
SCI704	Conducts simple investigation to seek answers to queries	27.24
SCI705	Relates processes and phenomenon with causes	43.13
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	65.96
SCI710	Plots and interprets graphs	43.64
SCI711	Constructs models using materials from surroundings and explains their working	44.04
SCI801	Differentiates materials, organism and processes	51.77
SCI804	Relates processes and phenomenon with causes	40.81
SCI805	Explains processes and phenomenon	47.58
SCI807	Measures angles of incidence and reflection, etc.	55.51
SCI811	Applies learning of scientific concepts in day-to-day life	52.63
SCI813	Makes efforts to protect environment	64.96

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
255	28.36	203	22.58	268	29.81	173	19.24

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.24)
- 2 - Relates processes and phenomenon with causes (40.81)
- 3 - Relates processes and phenomenon with causes (43.13)
- 4 - Plots and interprets graphs (43.64)
- 5 - Constructs models using materials from surroundings and explains their working (44.04)