



### District Report Card: 2017


<b>State:</b> Uttar Pradesh	<b>District:</b> Etah
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 44	<b>Students:</b> 782


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	381	48.72	401	51.28

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	782	100.00	0	0.00

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	402	51.41	74	9.46	238	30.43	68	8.70

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	1	0	4	2	0	8

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	595	76.09	187	23.91

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
20.56	22.50	18.72	20.56	0.00	21.39	17.93	19.72	20.09	22.07	20.78

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.64
SCI704	Conducts simple investigation to seek answers to queries	11.25
SCI705	Relates processes and phenomenon with causes	12.66
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	25.19
SCI710	Plots and interprets graphs	15.98
SCI711	Constructs models using materials from surroundings and explains their working	29.41
SCI801	Differentiates materials, organism and processes	17.35
SCI804	Relates processes and phenomenon with causes	14.07
SCI805	Explains processes and phenomenon	21.23
SCI807	Measures angles of incidence and reflection, etc.	12.92
SCI811	Applies learning of scientific concepts in day-to-day life	21.23
SCI813	Makes efforts to protect environment	19.18

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
652	83.38	128	16.37	2	0.26	0	0.00

## Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (11.25)
- 2 - Relates processes and phenomenon with causes (12.66)
- 3 - Measures angles of incidence and reflection, etc. (12.92)
- 4 - Relates processes and phenomenon with causes (14.07)
- 5 - Plots and interprets graphs (15.98)