



### District Report Card: 2017


<b>State:</b> Uttar Pradesh	<b>District:</b> Farrukhabad
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 46	<b>Students:</b> 1028


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	522	50.78	506	49.22

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	905	88.04	123	11.96

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	190	18.48	17	1.65	663	64.49	158	15.37

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	1	0	0	4	0

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	971	94.46	57	5.54

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
44.09	45.03	43.12	44.10	44.01	44.15	43.04	42.70	29.41	45.16	42.87

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.34
SCI704	Conducts simple investigation to seek answers to queries	24.58
SCI705	Relates processes and phenomenon with causes	43.34
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	62.84
SCI710	Plots and interprets graphs	37.25
SCI711	Constructs models using materials from surroundings and explains their working	48.24
SCI801	Differentiates materials, organism and processes	47.51
SCI804	Relates processes and phenomenon with causes	41.37
SCI805	Explains processes and phenomenon	37.58
SCI807	Measures angles of incidence and reflection, etc.	49.90
SCI811	Applies learning of scientific concepts in day-to-day life	41.83
SCI813	Makes efforts to protect environment	60.99

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
283	27.53	353	34.34	325	31.61	67	6.52

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (24.58)
- 2 - Plots and interprets graphs (37.25)
- 3 - Explains processes and phenomenon (37.58)
- 4 - Relates processes and phenomenon with causes (41.37)
- 5 - Applies learning of scientific concepts in day-to-day life (41.83)