



### District Report Card: 2017


<b>State:</b> Uttar Pradesh	<b>District:</b> Mahoba
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1090


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	499		45.78		591		54.22	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1021		93.67		69		6.33	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	310	28.44	5	0.46	686	62.94	89	8.17

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	0	0	2	3	0

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	995		91.28	95		8.72

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
38.37	39.36	37.54	38.65	34.20	38.22	39.93	39.70	28.00	38.13	36.18

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.30
SCI704	Conducts simple investigation to seek answers to queries	24.81
SCI705	Relates processes and phenomenon with causes	35.31
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	48.35
SCI710	Plots and interprets graphs	38.04
SCI711	Constructs models using materials from surroundings and explains their working	41.61
SCI801	Differentiates materials, organism and processes	46.83
SCI804	Relates processes and phenomenon with causes	40.54
SCI805	Explains processes and phenomenon	30.49
SCI807	Measures angles of incidence and reflection, etc.	37.61
SCI811	Applies learning of scientific concepts in day-to-day life	37.35
SCI813	Makes efforts to protect environment	51.47

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
461	42.29	283	25.96	261	23.94	85	7.80

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (24.81)
- 2 - Explains processes and phenomenon (30.49)
- 3 - Relates processes and phenomenon with causes (35.31)
- 4 - Classifies materials and organisms based on properties/characteristics (36.30)
- 5 - Applies learning of scientific concepts in day-to-day life (37.35)