



### District Report Card: 2017


<b>State:</b> Uttar Pradesh	<b>District:</b> Sitapur
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 49	<b>Students:</b> 893


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	701	78.50	192	21.50

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	839	93.95	54	6.05

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	34	3.81	823	92.16	26	2.91	10	1.12

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	314	35.16	579	64.84

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.42	36.22	37.15	37.21	24.20	33.89	37.80	33.92	36.52	32.05	48.00

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.88
SCI704	Conducts simple investigation to seek answers to queries	22.61
SCI705	Relates processes and phenomenon with causes	38.58
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	53.42
SCI710	Plots and interprets graphs	37.89
SCI711	Constructs models using materials from surroundings and explains their working	35.20
SCI801	Differentiates materials, organism and processes	38.54
SCI804	Relates processes and phenomenon with causes	31.17
SCI805	Explains processes and phenomenon	28.28
SCI807	Measures angles of incidence and reflection, etc.	38.30
SCI811	Applies learning of scientific concepts in day-to-day life	36.93
SCI813	Makes efforts to protect environment	46.58

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
398	44.57	259	29.00	167	18.70	69	7.73

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (22.61)
- 2 - Explains processes and phenomenon (28.28)
- 3 - Relates processes and phenomenon with causes (31.17)
- 4 - Classifies materials and organisms based on properties/characteristics (34.88)
- 5 - Constructs models using materials from surroundings and explains their working (35.20)