



### District Report Card: 2017


<b>State:</b> Uttar Pradesh	<b>District:</b> Chitrakoot
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 50	<b>Students:</b> 969


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	398	41.07	571	58.93

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	860	88.75	109	11.25

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	367	37.87	1	0.10	448	46.23	153	15.79

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	1	1	0	2	31

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	787	81.22	182	18.78

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.91	39.50	33.42	37.07	26.79	35.01	39.82	37.89	40.00	35.34	32.81

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.36
SCI704	Conducts simple investigation to seek answers to queries	23.48
SCI705	Relates processes and phenomenon with causes	37.05
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	50.88
SCI710	Plots and interprets graphs	32.72
SCI711	Constructs models using materials from surroundings and explains their working	31.89
SCI801	Differentiates materials, organism and processes	41.83
SCI804	Relates processes and phenomenon with causes	30.25
SCI805	Explains processes and phenomenon	31.34
SCI807	Measures angles of incidence and reflection, etc.	33.95
SCI811	Applies learning of scientific concepts in day-to-day life	34.99
SCI813	Makes efforts to protect environment	45.92

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
425	43.86	270	27.86	234	24.15	40	4.13

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (23.48)
- 2 - Relates processes and phenomenon with causes (30.25)
- 3 - Explains processes and phenomenon (31.34)
- 4 - Constructs models using materials from surroundings and explains their working (31.89)
- 5 - Plots and interprets graphs (32.72)