



### District Report Card: 2017


<b>State:</b> Uttar Pradesh	<b>District:</b> Kushinagar
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 48	<b>Students:</b> 802


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	245	30.55	557	69.45

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	741	92.39	61	7.61

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	168	20.95	8	1.00	580	72.32	46	5.74

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	1	1	22	3	18

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	437	54.49	365	45.51

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
41.65	44.93	40.22	41.87	39.02	39.85	43.82	39.05	42.50	42.22	43.91

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.76
SCI704	Conducts simple investigation to seek answers to queries	24.17
SCI705	Relates processes and phenomenon with causes	34.79
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	54.49
SCI710	Plots and interprets graphs	36.39
SCI711	Constructs models using materials from surroundings and explains their working	39.08
SCI801	Differentiates materials, organism and processes	50.91
SCI804	Relates processes and phenomenon with causes	49.60
SCI805	Explains processes and phenomenon	34.23
SCI807	Measures angles of incidence and reflection, etc.	46.26
SCI811	Applies learning of scientific concepts in day-to-day life	39.47
SCI813	Makes efforts to protect environment	56.36

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
268	33.42	242	30.17	230	28.68	62	7.73

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (24.17)
- 2 - Explains processes and phenomenon (34.23)
- 3 - Relates processes and phenomenon with causes (34.79)
- 4 - Plots and interprets graphs (36.39)
- 5 - Constructs models using materials from surroundings and explains their working (39.08)