



### District Report Card: 2017


<b>State:</b> Bihar	<b>District:</b> Sheikhpura
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1140


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	541	47.46	599	52.54

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1010	88.60	130	11.40

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	207	18.16	2	0.18	779	68.33	152	13.33

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1140	100.00	0	0.00

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
43.06	43.89	42.31	42.70	45.90	43.06	0.00	41.48	20.00	41.75	52.28

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.84
SCI704	Conducts simple investigation to seek answers to queries	30.97
SCI705	Relates processes and phenomenon with causes	41.41
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	56.32
SCI710	Plots and interprets graphs	41.22
SCI711	Constructs models using materials from surroundings and explains their working	35.48
SCI801	Differentiates materials, organism and processes	48.82
SCI804	Relates processes and phenomenon with causes	49.74
SCI805	Explains processes and phenomenon	35.37
SCI807	Measures angles of incidence and reflection, etc.	42.98
SCI811	Applies learning of scientific concepts in day-to-day life	43.25
SCI813	Makes efforts to protect environment	59.21

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
390	34.21	333	29.21	282	24.74	135	11.84

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (30.97)
- 2 - Explains processes and phenomenon (35.37)
- 3 - Constructs models using materials from surroundings and explains their working (35.48)
- 4 - Classifies materials and organisms based on properties/characteristics (37.84)
- 5 - Plots and interprets graphs (41.22)