



### District Report Card: 2017


<b>State:</b> Bihar	<b>District:</b> Saharsa
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1135


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	575	50.66	560	49.34

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1021	89.96	114	10.04

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	151	13.30	3	0.26	810	71.37	171	15.07

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	2	4	0	0	0

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1135	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
44.72	45.10	44.32	44.02	50.99	44.72	0.00	47.15	51.11	44.69	42.57

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.68
SCI704	Conducts simple investigation to seek answers to queries	27.21
SCI705	Relates processes and phenomenon with causes	46.45
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	62.56
SCI710	Plots and interprets graphs	39.09
SCI711	Constructs models using materials from surroundings and explains their working	35.82
SCI801	Differentiates materials, organism and processes	51.90
SCI804	Relates processes and phenomenon with causes	47.82
SCI805	Explains processes and phenomenon	32.97
SCI807	Measures angles of incidence and reflection, etc.	47.84
SCI811	Applies learning of scientific concepts in day-to-day life	44.71
SCI813	Makes efforts to protect environment	58.41

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
331	29.16	351	30.93	341	30.04	112	9.87

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.21)
- 2 - Explains processes and phenomenon (32.97)
- 3 - Constructs models using materials from surroundings and explains their working (35.82)
- 4 - Plots and interprets graphs (39.09)
- 5 - Classifies materials and organisms based on properties/characteristics (43.68)