



### District Report Card: 2017


<b>State:</b> Bihar	<b>District:</b> Purnia
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1045


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	461	44.11	584	55.89

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	920	88.04	125	11.96

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	113	10.81	54	5.17	802	76.75	76	7.27

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

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	1019	97.51	26	2.49

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.82	42.43	39.55	40.07	46.35	40.88	38.72	40.29	31.48	41.35	42.63

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.42
SCI704	Conducts simple investigation to seek answers to queries	30.04
SCI705	Relates processes and phenomenon with causes	35.48
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	54.93
SCI710	Plots and interprets graphs	30.65
SCI711	Constructs models using materials from surroundings and explains their working	32.42
SCI801	Differentiates materials, organism and processes	50.51
SCI804	Relates processes and phenomenon with causes	43.03
SCI805	Explains processes and phenomenon	31.18
SCI807	Measures angles of incidence and reflection, etc.	44.78
SCI811	Applies learning of scientific concepts in day-to-day life	41.73
SCI813	Makes efforts to protect environment	54.83

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
356	34.07	348	33.30	273	26.12	68	6.51

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (30.04)
- 2 - Plots and interprets graphs (30.65)
- 3 - Explains processes and phenomenon (31.18)
- 4 - Constructs models using materials from surroundings and explains their working (32.42)
- 5 - Relates processes and phenomenon with causes (35.48)