



District Report Card: 2017


State: Bihar	District: Saran
Class: 8	Subject: Science
Schools: 50	Students: 1208


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	613	50.75	595	49.25

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1116	92.38	92	7.62

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	165	13.66	26	2.15	861	71.27	156	12.91

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	3	0	2	0	0

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1208	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
41.43	41.21	41.66	42.33	30.51	41.43	0.00	39.19	33.08	41.74	43.46

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.17
SCI704	Conducts simple investigation to seek answers to queries	31.73
SCI705	Relates processes and phenomenon with causes	36.31
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	58.77
SCI710	Plots and interprets graphs	42.05
SCI711	Constructs models using materials from surroundings and explains their working	33.28
SCI801	Differentiates materials, organism and processes	45.90
SCI804	Relates processes and phenomenon with causes	43.54
SCI805	Explains processes and phenomenon	29.19
SCI807	Measures angles of incidence and reflection, etc.	38.74
SCI811	Applies learning of scientific concepts in day-to-day life	42.25
SCI813	Makes efforts to protect environment	59.44

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
375	31.04	420	34.77	351	29.06	62	5.13

Lowest Performing Learning Outcomes (LOs)

- 1 - Explains processes and phenomenon (29.19)
- 2 - Conducts simple investigation to seek answers to queries (31.73)
- 3 - Constructs models using materials from surroundings and explains their working (33.28)
- 4 - Relates processes and phenomenon with causes (36.31)
- 5 - Measures angles of incidence and reflection, etc. (38.74)