



District Report Card: 2017


State: Bihar	District: Sheohar
Class: 8	Subject: Science
Schools: 49	Students: 1225


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	587	47.92	638	52.08

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1177	96.08	48	3.92

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	160	13.06	24	1.96	765	62.45	276	22.53

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	3	1	3	2	0

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1225	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
45.15	45.61	44.73	45.02	48.47	45.15	0.00	41.13	43.61	43.22	52.97

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	46.13
SCI704	Conducts simple investigation to seek answers to queries	28.34
SCI705	Relates processes and phenomenon with causes	44.97
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	60.08
SCI710	Plots and interprets graphs	42.77
SCI711	Constructs models using materials from surroundings and explains their working	34.89
SCI801	Differentiates materials, organism and processes	49.53
SCI804	Relates processes and phenomenon with causes	51.13
SCI805	Explains processes and phenomenon	33.42
SCI807	Measures angles of incidence and reflection, etc.	43.92
SCI811	Applies learning of scientific concepts in day-to-day life	46.93
SCI813	Makes efforts to protect environment	63.02

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
357	29.14	364	29.71	377	30.78	127	10.37

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (28.34)
- 2 - Explains processes and phenomenon (33.42)
- 3 - Constructs models using materials from surroundings and explains their working (34.89)
- 4 - Plots and interprets graphs (42.77)
- 5 - Measures angles of incidence and reflection, etc. (43.92)