



District Report Card: 2017


State: Bihar	District: Araria
Class: 8	Subject: Science
Schools: 51	Students: 1162


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	567	48.80	595	51.20

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1110	95.52	52	4.48

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	167	14.37	8	0.69	865	74.44	122	10.50

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	0	1	2	0	14

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1162	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
47.38	47.27	47.48	47.83	37.69	47.38	0.00	43.83	48.33	48.05	47.38

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.79
SCI704	Conducts simple investigation to seek answers to queries	26.81
SCI705	Relates processes and phenomenon with causes	48.39
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	61.88
SCI710	Plots and interprets graphs	39.93
SCI711	Constructs models using materials from surroundings and explains their working	43.86
SCI801	Differentiates materials, organism and processes	55.57
SCI804	Relates processes and phenomenon with causes	47.61
SCI805	Explains processes and phenomenon	41.89
SCI807	Measures angles of incidence and reflection, etc.	50.34
SCI811	Applies learning of scientific concepts in day-to-day life	48.10
SCI813	Makes efforts to protect environment	61.45

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
272	23.41	339	29.17	453	38.98	98	8.43

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (26.81)
- 2 - Plots and interprets graphs (39.93)
- 3 - Explains processes and phenomenon (41.89)
- 4 - Classifies materials and organisms based on properties/characteristics (42.79)
- 5 - Constructs models using materials from surroundings and explains their working (43.86)