



District Report Card: 2017


State: Bihar	District: Arwal
Class: 8	Subject: Science
Schools: 51	Students: 1116


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	392	35.13	724	64.87

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1012	90.68	104	9.32

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	174	15.59	1	0.09	871	78.05	70	6.27

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1116	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
49.31	47.31	50.40	50.22	40.51	49.31	0.00	46.97	73.33	49.20	56.19

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.12
SCI704	Conducts simple investigation to seek answers to queries	37.49
SCI705	Relates processes and phenomenon with causes	46.26
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	56.27
SCI710	Plots and interprets graphs	39.19
SCI711	Constructs models using materials from surroundings and explains their working	41.03
SCI801	Differentiates materials, organism and processes	60.78
SCI804	Relates processes and phenomenon with causes	46.15
SCI805	Explains processes and phenomenon	41.64
SCI807	Measures angles of incidence and reflection, etc.	55.02
SCI811	Applies learning of scientific concepts in day-to-day life	50.88
SCI813	Makes efforts to protect environment	65.32

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
243	21.77	377	33.78	308	27.60	188	16.85

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (37.49)
- 2 - Plots and interprets graphs (39.19)
- 3 - Constructs models using materials from surroundings and explains their working (41.03)
- 4 - Explains processes and phenomenon (41.64)
- 5 - Classifies materials and organisms based on properties/characteristics (42.12)