



District Report Card: 2017


State: Bihar	District: Banka
Class: 8	Subject: Science
Schools: 51	Students: 1150


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	536	46.61	614	53.39

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1125	97.83	25	2.17

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	175	15.22	12	1.04	863	75.04	100	8.70

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1150	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
39.99	41.33	38.83	39.37	68.00	39.99	0.00	33.33	46.11	41.75	35.80

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.17
SCI704	Conducts simple investigation to seek answers to queries	30.40
SCI705	Relates processes and phenomenon with causes	40.01
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	57.04
SCI710	Plots and interprets graphs	33.33
SCI711	Constructs models using materials from surroundings and explains their working	34.21
SCI801	Differentiates materials, organism and processes	45.78
SCI804	Relates processes and phenomenon with causes	35.08
SCI805	Explains processes and phenomenon	32.08
SCI807	Measures angles of incidence and reflection, etc.	46.61
SCI811	Applies learning of scientific concepts in day-to-day life	38.53
SCI813	Makes efforts to protect environment	50.61

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
432	37.57	350	30.43	280	24.35	88	7.65

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (30.40)
- 2 - Explains processes and phenomenon (32.08)
- 3 - Plots and interprets graphs (33.33)
- 4 - Constructs models using materials from surroundings and explains their working (34.21)
- 5 - Relates processes and phenomenon with causes (35.08)