



District Report Card: 2017


State: Bihar	District: Vaishali
Class: 8	Subject: Science
Schools: 51	Students: 1259


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	631	50.12	628	49.88

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1182	93.88	77	6.12

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	308	24.46	16	1.27	831	66.00	104	8.26

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1246	98.97	13	1.03

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.36	40.81	39.90	40.72	34.89	40.51	25.64	39.26	51.25	40.69	39.29

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.95
SCI704	Conducts simple investigation to seek answers to queries	23.64
SCI705	Relates processes and phenomenon with causes	40.61
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	51.79
SCI710	Plots and interprets graphs	30.46
SCI711	Constructs models using materials from surroundings and explains their working	37.80
SCI801	Differentiates materials, organism and processes	49.90
SCI804	Relates processes and phenomenon with causes	46.73
SCI805	Explains processes and phenomenon	29.88
SCI807	Measures angles of incidence and reflection, etc.	37.81
SCI811	Applies learning of scientific concepts in day-to-day life	42.92
SCI813	Makes efforts to protect environment	56.16

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
439	34.87	411	32.64	349	27.72	60	4.77

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (23.64)
- 2 - Explains processes and phenomenon (29.88)
- 3 - Plots and interprets graphs (30.46)
- 4 - Classifies materials and organisms based on properties/characteristics (35.95)
- 5 - Constructs models using materials from surroundings and explains their working (37.80)