



District Report Card: 2017


State: Uttar Pradesh	District: Bijnor
Class: 8	Subject: Science
Schools: 51	Students: 1094


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	365		33.36		729		66.64	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	802		73.31		292		26.69	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	312	28.52	5	0.46	659	60.24	118	10.79

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	5	2	0	2	0	3

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	658		60.15	436		39.85

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
48.24	46.32	49.21	53.13	34.82	51.90	42.72	47.95	54.67	48.63	46.61

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	50.91
SCI704	Conducts simple investigation to seek answers to queries	35.68
SCI705	Relates processes and phenomenon with causes	45.41
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	58.23
SCI710	Plots and interprets graphs	37.73
SCI711	Constructs models using materials from surroundings and explains their working	37.36
SCI801	Differentiates materials, organism and processes	54.54
SCI804	Relates processes and phenomenon with causes	52.35
SCI805	Explains processes and phenomenon	38.07
SCI807	Measures angles of incidence and reflection, etc.	48.81
SCI811	Applies learning of scientific concepts in day-to-day life	48.78
SCI813	Makes efforts to protect environment	66.64

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
294	26.87	280	25.59	370	33.82	150	13.71

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (35.68)
- 2 - Constructs models using materials from surroundings and explains their working (37.36)
- 3 - Plots and interprets graphs (37.73)
- 4 - Explains processes and phenomenon (38.07)
- 5 - Relates processes and phenomenon with causes (45.41)