



District Report Card: 2017


State: Uttar Pradesh	District: Ghaziabad
Class: 8	Subject: Science
Schools: 50	Students: 1000


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	485	48.50	515	51.50

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	646	64.60	354	35.40

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	228	22.80	8	0.80	570	57.00	194	19.40

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	1	2	4	1	30

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	504	50.40	496	49.60

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.83	36.04	37.57	39.83	31.34	39.18	34.44	33.63	27.50	39.13	34.19

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.87
SCI704	Conducts simple investigation to seek answers to queries	21.94
SCI705	Relates processes and phenomenon with causes	34.32
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	43.40
SCI710	Plots and interprets graphs	28.79
SCI711	Constructs models using materials from surroundings and explains their working	25.88
SCI801	Differentiates materials, organism and processes	48.52
SCI804	Relates processes and phenomenon with causes	37.55
SCI805	Explains processes and phenomenon	27.93
SCI807	Measures angles of incidence and reflection, etc.	34.80
SCI811	Applies learning of scientific concepts in day-to-day life	36.94
SCI813	Makes efforts to protect environment	59.70

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
396	39.60	370	37.00	199	19.90	35	3.50

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (21.94)
- 2 - Constructs models using materials from surroundings and explains their working (25.88)
- 3 - Explains processes and phenomenon (27.93)
- 4 - Plots and interprets graphs (28.79)
- 5 - Relates processes and phenomenon with causes (34.32)