



District Report Card: 2017


State: Uttar Pradesh	District: Meerut
Class: 8	Subject: Science
Schools: 49	Students: 1004


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	491		48.90		513		51.10	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	696		69.32		308		30.68	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	360	35.86	1	0.10	448	44.62	195	19.42

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	0	1	2	0	28

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	452		45.02	552		54.98

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.98	42.84	39.21	45.77	30.17	44.66	37.97	39.91	0.00	42.13	40.55

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.60
SCI704	Conducts simple investigation to seek answers to queries	24.70
SCI705	Relates processes and phenomenon with causes	37.55
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	53.09
SCI710	Plots and interprets graphs	33.00
SCI711	Constructs models using materials from surroundings and explains their working	28.06
SCI801	Differentiates materials, organism and processes	51.24
SCI804	Relates processes and phenomenon with causes	46.05
SCI805	Explains processes and phenomenon	29.03
SCI807	Measures angles of incidence and reflection, etc.	38.65
SCI811	Applies learning of scientific concepts in day-to-day life	43.80
SCI813	Makes efforts to protect environment	59.56

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
357	35.56	286	28.49	312	31.08	49	4.88

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (24.70)
- 2 - Constructs models using materials from surroundings and explains their working (28.06)
- 3 - Explains processes and phenomenon (29.03)
- 4 - Plots and interprets graphs (33.00)
- 5 - Relates processes and phenomenon with causes (37.55)