



District Report Card: 2017


State: Uttar Pradesh	District: Muzaffarnagar
Class: 8	Subject: Science
Schools: 50	Students: 638


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	403		63.17		235		36.83	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	373		58.46		265		41.54	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	162	25.39	0	0.00	369	57.84	107	16.77

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

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	479		75.08	159		24.92

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
38.16	40.63	33.93	39.93	35.67	40.54	30.99	40.74	0.00	36.03	41.62

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.22
SCI704	Conducts simple investigation to seek answers to queries	22.22
SCI705	Relates processes and phenomenon with causes	37.57
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	46.55
SCI710	Plots and interprets graphs	30.21
SCI711	Constructs models using materials from surroundings and explains their working	32.63
SCI801	Differentiates materials, organism and processes	50.15
SCI804	Relates processes and phenomenon with causes	48.94
SCI805	Explains processes and phenomenon	33.33
SCI807	Measures angles of incidence and reflection, etc.	35.58
SCI811	Applies learning of scientific concepts in day-to-day life	35.28
SCI813	Makes efforts to protect environment	50.94

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
251	39.34	205	32.13	146	22.88	36	5.64

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (22.22)
- 2 - Plots and interprets graphs (30.21)
- 3 - Constructs models using materials from surroundings and explains their working (32.63)
- 4 - Explains processes and phenomenon (33.33)
- 5 - Applies learning of scientific concepts in day-to-day life (35.28)