



District Report Card: 2017


State: Uttar Pradesh	District: Hathras
Class: 8	Subject: Science
Schools: 48	Students: 943


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	464		49.20		479		50.80	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	697		73.91		246		26.09	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	373	39.55	3	0.32	377	39.98	190	20.15

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

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	582		61.72	361		38.28

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
45.60	46.88	44.36	49.37	34.91	51.08	36.77	46.79	75.56	45.41	43.16

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	46.76
SCI704	Conducts simple investigation to seek answers to queries	28.14
SCI705	Relates processes and phenomenon with causes	43.94
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	59.70
SCI710	Plots and interprets graphs	48.00
SCI711	Constructs models using materials from surroundings and explains their working	40.42
SCI801	Differentiates materials, organism and processes	50.13
SCI804	Relates processes and phenomenon with causes	53.68
SCI805	Explains processes and phenomenon	35.79
SCI807	Measures angles of incidence and reflection, etc.	46.66
SCI811	Applies learning of scientific concepts in day-to-day life	44.35
SCI813	Makes efforts to protect environment	63.31

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
221	23.44	344	36.48	318	33.72	60	6.36

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (28.14)
- 2 - Explains processes and phenomenon (35.79)
- 3 - Constructs models using materials from surroundings and explains their working (40.42)
- 4 - Relates processes and phenomenon with causes (43.94)
- 5 - Applies learning of scientific concepts in day-to-day life (44.35)