



District Report Card: 2017


State: Uttar Pradesh	District: Agra
Class: 8	Subject: Science
Schools: 51	Students: 873


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	351	40.21	522	59.79

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	604	69.19	269	30.81

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	336	38.49	7	0.80	369	42.27	161	18.44

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	502	57.50	371	42.50

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
42.64	44.05	41.70	45.23	36.83	50.40	32.15	42.64	17.14	42.22	44.72

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.50
SCI704	Conducts simple investigation to seek answers to queries	25.00
SCI705	Relates processes and phenomenon with causes	38.98
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	51.43
SCI710	Plots and interprets graphs	36.68
SCI711	Constructs models using materials from surroundings and explains their working	36.46
SCI801	Differentiates materials, organism and processes	48.41
SCI804	Relates processes and phenomenon with causes	51.09
SCI805	Explains processes and phenomenon	35.95
SCI807	Measures angles of incidence and reflection, etc.	46.39
SCI811	Applies learning of scientific concepts in day-to-day life	43.72
SCI813	Makes efforts to protect environment	62.20

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
311	35.62	245	28.06	231	26.46	86	9.85

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (25.00)
- 2 - Explains processes and phenomenon (35.95)
- 3 - Constructs models using materials from surroundings and explains their working (36.46)
- 4 - Plots and interprets graphs (36.68)
- 5 - Relates processes and phenomenon with causes (38.98)