



District Report Card: 2017


State: Uttar Pradesh	District: Jhansi
Class: 8	Subject: Science
Schools: 51	Students: 1132


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	510	45.05	622	54.95

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	973	85.95	159	14.05

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	410	36.22	1	0.09	648	57.24	73	6.45

<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	%
	950	83.92	182	16.08

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
44.38	42.89	45.59	44.55	43.31	46.29	34.40	43.35	60.00	44.64	47.58

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.98
SCI704	Conducts simple investigation to seek answers to queries	28.73
SCI705	Relates processes and phenomenon with causes	39.16
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	57.51
SCI710	Plots and interprets graphs	43.92
SCI711	Constructs models using materials from surroundings and explains their working	42.01
SCI801	Differentiates materials, organism and processes	51.36
SCI804	Relates processes and phenomenon with causes	48.26
SCI805	Explains processes and phenomenon	35.37
SCI807	Measures angles of incidence and reflection, etc.	49.12
SCI811	Applies learning of scientific concepts in day-to-day life	43.07
SCI813	Makes efforts to protect environment	63.25

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
357	31.54	309	27.30	359	31.71	107	9.45

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (28.73)
- 2 - Explains processes and phenomenon (35.37)
- 3 - Relates processes and phenomenon with causes (39.16)
- 4 - Classifies materials and organisms based on properties/characteristics (41.98)
- 5 - Constructs models using materials from surroundings and explains their working (42.01)