



District Report Card: 2017


State: Uttar Pradesh	District: Sonbhadra
Class: 8	Subject: Science
Schools: 51	Students: 950


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	469	49.37	481	50.63

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	877	92.32	73	7.68

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	317	33.37	231	24.32	350	36.84	52	5.47

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	1	1	7	0	43

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	877	92.32	73	7.68

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.47	40.70	40.25	41.53	27.76	41.03	33.70	40.23	44.30	37.56	44.49

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.75
SCI704	Conducts simple investigation to seek answers to queries	28.82
SCI705	Relates processes and phenomenon with causes	35.29
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	46.63
SCI710	Plots and interprets graphs	29.95
SCI711	Constructs models using materials from surroundings and explains their working	35.90
SCI801	Differentiates materials, organism and processes	46.61
SCI804	Relates processes and phenomenon with causes	41.68
SCI805	Explains processes and phenomenon	35.97
SCI807	Measures angles of incidence and reflection, etc.	44.21
SCI811	Applies learning of scientific concepts in day-to-day life	41.35
SCI813	Makes efforts to protect environment	51.26

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
369	38.84	258	27.16	235	24.74	88	9.26

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (28.82)
- 2 - Plots and interprets graphs (29.95)
- 3 - Relates processes and phenomenon with causes (35.29)
- 4 - Constructs models using materials from surroundings and explains their working (35.90)
- 5 - Explains processes and phenomenon (35.97)