



District Report Card: 2017


State: Uttar Pradesh	District: Varanasi
Class: 8	Subject: Science
Schools: 50	Students: 1161


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	596	51.34	565	48.66

 AREA	Rural		Urban	
	Number	%	Number	%
	1090	93.88	71	6.12

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	267	23.00	13	1.12	696	59.95	185	15.93

 CWSN	LD	VI	HI	S&LD	ID	Oth
	0	0	0	0	0	0

 Management	Government		Government-aided	
	Number	%	Number	%
	719	61.93	442	38.07

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
30.93	31.81	30.01	31.64	20.09	33.95	26.03	34.58	21.03	31.41	24.58

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	30.26
SCI704	Conducts simple investigation to seek answers to queries	20.94
SCI705	Relates processes and phenomenon with causes	31.50
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	35.23
SCI710	Plots and interprets graphs	30.31
SCI711	Constructs models using materials from surroundings and explains their working	31.28
SCI801	Differentiates materials, organism and processes	39.29
SCI804	Relates processes and phenomenon with causes	32.25
SCI805	Explains processes and phenomenon	22.46
SCI807	Measures angles of incidence and reflection, etc.	30.49
SCI811	Applies learning of scientific concepts in day-to-day life	28.28
SCI813	Makes efforts to protect environment	42.98

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
642	55.30	251	21.62	205	17.66	63	5.43

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (20.94)
- 2 - Explains processes and phenomenon (22.46)
- 3 - Applies learning of scientific concepts in day-to-day life (28.28)
- 4 - Classifies materials and organisms based on properties/characteristics (30.26)
- 5 - Plots and interprets graphs (30.31)