



District Report Card: 2017


State: Uttar Pradesh	District: Banda
Class: 8	Subject: Science
Schools: 51	Students: 1077


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	550	51.07	527	48.93

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1007	93.50	70	6.50

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	245	22.75	11	1.02	637	59.15	184	17.08

<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	%
	922	85.61	155	14.39

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
22.25	22.13	22.37	22.51	18.48	21.88	24.43	22.97	19.39	22.24	21.49

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	15.82
SCI704	Conducts simple investigation to seek answers to queries	14.34
SCI705	Relates processes and phenomenon with causes	22.67
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	32.59
SCI710	Plots and interprets graphs	21.84
SCI711	Constructs models using materials from surroundings and explains their working	17.24
SCI801	Differentiates materials, organism and processes	25.79
SCI804	Relates processes and phenomenon with causes	31.99
SCI805	Explains processes and phenomenon	20.34
SCI807	Measures angles of incidence and reflection, etc.	24.23
SCI811	Applies learning of scientific concepts in day-to-day life	20.50
SCI813	Makes efforts to protect environment	29.06

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
777	72.14	179	16.62	104	9.66	17	1.58

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (14.34)
- 2 - Classifies materials and organisms based on properties/characteristics (15.82)
- 3 - Constructs models using materials from surroundings and explains their working (17.24)
- 4 - Explains processes and phenomenon (20.34)
- 5 - Applies learning of scientific concepts in day-to-day life (20.50)