



District Report Card: 2017


State: Madhya Pradesh	District: Panna
Class: 8	Subject: Science
Schools: 51	Students: 978


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	487	49.80	491	50.20

AREA 	Rural		Urban	
	Number	%	Number	%
	930	95.09	48	4.91

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	247	25.26	150	15.34	498	50.92	83	8.49

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	0	4	9	1	7

Management 	Government		Government-aided	
	Number	%	Number	%
	978	100.00	0	0.00

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
33.82	33.03	34.61	33.46	40.97	33.82	0.00	32.87	31.07	34.00	40.56

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.88
SCI704	Conducts simple investigation to seek answers to queries	24.12
SCI705	Relates processes and phenomenon with causes	32.59
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	38.75
SCI710	Plots and interprets graphs	27.08
SCI711	Constructs models using materials from surroundings and explains their working	24.79
SCI801	Differentiates materials, organism and processes	36.69
SCI804	Relates processes and phenomenon with causes	33.33
SCI805	Explains processes and phenomenon	31.64
SCI807	Measures angles of incidence and reflection, etc.	32.62
SCI811	Applies learning of scientific concepts in day-to-day life	35.76
SCI813	Makes efforts to protect environment	47.24

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
465	47.55	284	29.04	192	19.63	37	3.78

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (24.12)
- 2 - Constructs models using materials from surroundings and explains their working (24.79)
- 3 - Plots and interprets graphs (27.08)
- 4 - Explains processes and phenomenon (31.64)
- 5 - Relates processes and phenomenon with causes (32.59)