



District Report Card: 2017


State: Madhya Pradesh	District: Shajapur
Class: 8	Subject: Science
Schools: 51	Students: 1134


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	461	40.65	673	59.35

 AREA	Rural		Urban	
	Number	%	Number	%
	920	81.13	214	18.87

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	412	36.33	38	3.35	499	44.00	185	16.31

 CWSN	LD	VI	HI	S&LD	ID	Oth
	5	0	1	2	0	44

 Management	Government		Government-aided	
	Number	%	Number	%
	1134	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
46.67	48.40	45.49	45.72	50.78	46.67	0.00	43.74	37.19	48.52	50.16

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	45.94
SCI704	Conducts simple investigation to seek answers to queries	28.70
SCI705	Relates processes and phenomenon with causes	42.72
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	62.87
SCI710	Plots and interprets graphs	44.50
SCI711	Constructs models using materials from surroundings and explains their working	39.54
SCI801	Differentiates materials, organism and processes	45.98
SCI804	Relates processes and phenomenon with causes	50.18
SCI805	Explains processes and phenomenon	53.29
SCI807	Measures angles of incidence and reflection, etc.	44.00
SCI811	Applies learning of scientific concepts in day-to-day life	46.66
SCI813	Makes efforts to protect environment	61.55

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
314	27.69	292	25.75	399	35.19	129	11.38

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (28.70)
- 2 - Constructs models using materials from surroundings and explains their working (39.54)
- 3 - Relates processes and phenomenon with causes (42.72)
- 4 - Measures angles of incidence and reflection, etc. (44.00)
- 5 - Plots and interprets graphs (44.50)