



District Report Card: 2017


State: Madhya Pradesh	District: Seoni
Class: 8	Subject: Science
Schools: 51	Students: 1174


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	530	45.14	644	54.86

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1061	90.37	113	9.63

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	99	8.43	572	48.72	461	39.27	42	3.58

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	6	1	5	1	4	8

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1126	95.91	48	4.09

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
41.18	39.45	42.61	40.55	47.14	41.43	35.42	39.12	40.73	42.63	36.19

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.10
SCI704	Conducts simple investigation to seek answers to queries	27.90
SCI705	Relates processes and phenomenon with causes	38.52
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	49.83
SCI710	Plots and interprets graphs	29.76
SCI711	Constructs models using materials from surroundings and explains their working	35.03
SCI801	Differentiates materials, organism and processes	47.45
SCI804	Relates processes and phenomenon with causes	48.30
SCI805	Explains processes and phenomenon	40.51
SCI807	Measures angles of incidence and reflection, etc.	38.76
SCI811	Applies learning of scientific concepts in day-to-day life	41.92
SCI813	Makes efforts to protect environment	53.83

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
415	35.35	385	32.79	268	22.83	106	9.03

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.90)
- 2 - Plots and interprets graphs (29.76)
- 3 - Constructs models using materials from surroundings and explains their working (35.03)
- 4 - Relates processes and phenomenon with causes (38.52)
- 5 - Measures angles of incidence and reflection, etc. (38.76)