



District Report Card: 2017


State: Madhya Pradesh	District: Rajgarh
Class: 8	Subject: Science
Schools: 51	Students: 1144


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	466	40.73	678	59.27

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	971	84.88	173	15.12

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	306	26.75	85	7.43	654	57.17	99	8.65

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	2	2	0	1	22

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1144	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
41.59	41.44	41.68	42.34	37.34	41.59	0.00	42.75	38.82	41.68	39.73

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.39
SCI704	Conducts simple investigation to seek answers to queries	23.74
SCI705	Relates processes and phenomenon with causes	42.77
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	58.39
SCI710	Plots and interprets graphs	33.63
SCI711	Constructs models using materials from surroundings and explains their working	43.72
SCI801	Differentiates materials, organism and processes	41.20
SCI804	Relates processes and phenomenon with causes	46.90
SCI805	Explains processes and phenomenon	43.93
SCI807	Measures angles of incidence and reflection, etc.	36.98
SCI811	Applies learning of scientific concepts in day-to-day life	42.03
SCI813	Makes efforts to protect environment	55.59

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
387	33.83	362	31.64	325	28.41	70	6.12

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (23.74)
- 2 - Plots and interprets graphs (33.63)
- 3 - Measures angles of incidence and reflection, etc. (36.98)
- 4 - Classifies materials and organisms based on properties/characteristics (38.39)
- 5 - Differentiates materials, organism and processes (41.20)