



District Report Card: 2017


State: Madhya Pradesh	District: Sidhi
Class: 8	Subject: Science
Schools: 51	Students: 1218


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	612	50.25	606	49.75

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1180	96.88	38	3.12

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	172	14.12	337	27.67	533	43.76	176	14.45

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	30	4	1	4	3	47

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1218	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
40.42	41.79	39.04	39.53	68.07	40.42	0.00	46.63	35.43	40.08	44.96

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.92
SCI704	Conducts simple investigation to seek answers to queries	29.03
SCI705	Relates processes and phenomenon with causes	37.60
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	56.73
SCI710	Plots and interprets graphs	36.09
SCI711	Constructs models using materials from surroundings and explains their working	29.34
SCI801	Differentiates materials, organism and processes	45.38
SCI804	Relates processes and phenomenon with causes	38.28
SCI805	Explains processes and phenomenon	36.30
SCI807	Measures angles of incidence and reflection, etc.	38.59
SCI811	Applies learning of scientific concepts in day-to-day life	38.25
SCI813	Makes efforts to protect environment	57.22

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
431	35.39	387	31.77	314	25.78	86	7.06

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (29.03)
- 2 - Constructs models using materials from surroundings and explains their working (29.34)
- 3 - Plots and interprets graphs (36.09)
- 4 - Explains processes and phenomenon (36.30)
- 5 - Relates processes and phenomenon with causes (37.60)