



District Report Card: 2017


State: Madhya Pradesh	District: Singrauli
Class: 8	Subject: Science
Schools: 51	Students: 1408


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	785	55.75	623	44.25

AREA 	Rural		Urban	
	Number	%	Number	%
	1290	91.62	118	8.38

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	197	13.99	561	39.84	585	41.55	65	4.62

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	1	3	1	1	7

Management 	Government		Government-aided	
	Number	%	Number	%
	1408	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
36.66	38.17	34.76	36.86	34.52	36.66	0.00	36.01	37.12	36.30	37.95

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.37
SCI704	Conducts simple investigation to seek answers to queries	24.50
SCI705	Relates processes and phenomenon with causes	31.52
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	49.36
SCI710	Plots and interprets graphs	27.20
SCI711	Constructs models using materials from surroundings and explains their working	30.03
SCI801	Differentiates materials, organism and processes	43.26
SCI804	Relates processes and phenomenon with causes	34.42
SCI805	Explains processes and phenomenon	32.94
SCI807	Measures angles of incidence and reflection, etc.	38.21
SCI811	Applies learning of scientific concepts in day-to-day life	36.11
SCI813	Makes efforts to protect environment	50.21

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
629	44.67	387	27.49	321	22.80	71	5.04

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (24.50)
- 2 - Plots and interprets graphs (27.20)
- 3 - Constructs models using materials from surroundings and explains their working (30.03)
- 4 - Relates processes and phenomenon with causes (31.52)
- 5 - Explains processes and phenomenon (32.94)