



District Report Card: 2017


State: Madhya Pradesh	District: Ratlam
Class: 8	Subject: Science
Schools: 51	Students: 1184


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	557	47.04	627	52.96

AREA 	Rural		Urban	
	Number	%	Number	%
	1098	92.74	86	7.26

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	247	20.86	469	39.61	366	30.91	102	8.61

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	1	3	2	4	61

Management 	Government		Government-aided	
	Number	%	Number	%
	1184	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
41.01	40.61	41.37	40.46	48.14	41.01	0.00	39.95	40.33	41.48	45.10

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.82
SCI704	Conducts simple investigation to seek answers to queries	27.40
SCI705	Relates processes and phenomenon with causes	36.53
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	47.30
SCI710	Plots and interprets graphs	37.21
SCI711	Constructs models using materials from surroundings and explains their working	34.18
SCI801	Differentiates materials, organism and processes	45.15
SCI804	Relates processes and phenomenon with causes	45.79
SCI805	Explains processes and phenomenon	38.11
SCI807	Measures angles of incidence and reflection, etc.	42.23
SCI811	Applies learning of scientific concepts in day-to-day life	41.98
SCI813	Makes efforts to protect environment	59.04

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
403	34.04	392	33.11	325	27.45	64	5.41

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.40)
- 2 - Constructs models using materials from surroundings and explains their working (34.18)
- 3 - Relates processes and phenomenon with causes (36.53)
- 4 - Plots and interprets graphs (37.21)
- 5 - Explains processes and phenomenon (38.11)