



District Report Card: 2017


State: Jharkhand	District: Kodarma
Class: 8	Subject: Science
Schools: 49	Students: 1203


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	429		35.66		774		64.34	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1074		89.28		129		10.72	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	230	19.12	8	0.67	879	73.07	86	7.15

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	4	4	4	1	44

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1182		98.25	21		1.75

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
50.30	51.66	49.55	51.46	40.67	50.64	31.43	50.03	43.33	49.39	61.01

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	49.22
SCI704	Conducts simple investigation to seek answers to queries	39.00
SCI705	Relates processes and phenomenon with causes	49.86
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	59.52
SCI710	Plots and interprets graphs	45.26
SCI711	Constructs models using materials from surroundings and explains their working	43.59
SCI801	Differentiates materials, organism and processes	54.47
SCI804	Relates processes and phenomenon with causes	57.40
SCI805	Explains processes and phenomenon	39.34
SCI807	Measures angles of incidence and reflection, etc.	57.27
SCI811	Applies learning of scientific concepts in day-to-day life	51.31
SCI813	Makes efforts to protect environment	61.26

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
259	21.53	338	28.10	416	34.58	190	15.79

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (39.00)
- 2 - Explains processes and phenomenon (39.34)
- 3 - Constructs models using materials from surroundings and explains their working (43.59)
- 4 - Plots and interprets graphs (45.26)
- 5 - Classifies materials and organisms based on properties/characteristics (49.22)