



District Report Card: 2017


State: Jharkhand	District: Pashchimi Singhbhum
Class: 8	Subject: Science
Schools: 49	Students: 1258


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	611		48.57		647		51.43	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1095		87.04		163		12.96	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	61	4.85	852	67.73	332	26.39	13	1.03

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	4	0	0	3	22

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1083		86.09	175		13.91

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
59.28	58.25	60.26	61.09	47.16	60.23	53.41	59.34	58.83	60.14	67.18

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	54.67
SCI704	Conducts simple investigation to seek answers to queries	43.54
SCI705	Relates processes and phenomenon with causes	52.38
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	69.40
SCI710	Plots and interprets graphs	57.96
SCI711	Constructs models using materials from surroundings and explains their working	46.97
SCI801	Differentiates materials, organism and processes	68.66
SCI804	Relates processes and phenomenon with causes	66.88
SCI805	Explains processes and phenomenon	46.08
SCI807	Measures angles of incidence and reflection, etc.	69.48
SCI811	Applies learning of scientific concepts in day-to-day life	62.52
SCI813	Makes efforts to protect environment	75.91

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
153	12.16	248	19.71	552	43.88	305	24.24

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (43.54)
- 2 - Explains processes and phenomenon (46.08)
- 3 - Constructs models using materials from surroundings and explains their working (46.97)
- 4 - Relates processes and phenomenon with causes (52.38)
- 5 - Classifies materials and organisms based on properties/characteristics (54.67)