



District Report Card: 2017


State: Punjab	District: Pathankot
Class: 8	Subject: Science
Schools: 48	Students: 990


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	499	50.40	491	49.60

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	780	78.79	210	21.21

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	515	52.02	10	1.01	253	25.56	212	21.41

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	1	1	3	4	0

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	886	89.49	104	10.51

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
34.84	34.18	35.51	35.72	31.56	33.58	45.51	34.16	36.00	35.65	35.44

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	24.83
SCI704	Conducts simple investigation to seek answers to queries	27.47
SCI705	Relates processes and phenomenon with causes	30.70
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	33.33
SCI710	Plots and interprets graphs	26.34
SCI711	Constructs models using materials from surroundings and explains their working	22.14
SCI801	Differentiates materials, organism and processes	46.91
SCI804	Relates processes and phenomenon with causes	31.49
SCI805	Explains processes and phenomenon	30.08
SCI807	Measures angles of incidence and reflection, etc.	31.92
SCI811	Applies learning of scientific concepts in day-to-day life	34.67
SCI813	Makes efforts to protect environment	66.97

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
407	41.11	412	41.62	152	15.35	19	1.92

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (22.14)
- 2 - Classifies materials and organisms based on properties/characteristics (24.83)
- 3 - Plots and interprets graphs (26.34)
- 4 - Conducts simple investigation to seek answers to queries (27.47)
- 5 - Explains processes and phenomenon (30.08)