



District Report Card: 2017


State: Punjab	District: Muktsar
Class: 8	Subject: Science
Schools: 51	Students: 1023


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	497		48.58		526		51.42	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	930		90.91		93		9.09	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	777	75.95	1	0.10	122	11.93	123	12.02

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	3	3	10	1	41

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1023		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
34.08	33.37	34.74	34.21	32.76	34.08	0.00	33.28	6.67	36.56	36.86

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	25.85
SCI704	Conducts simple investigation to seek answers to queries	26.42
SCI705	Relates processes and phenomenon with causes	29.12
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	31.87
SCI710	Plots and interprets graphs	23.67
SCI711	Constructs models using materials from surroundings and explains their working	21.59
SCI801	Differentiates materials, organism and processes	53.01
SCI804	Relates processes and phenomenon with causes	29.17
SCI805	Explains processes and phenomenon	27.87
SCI807	Measures angles of incidence and reflection, etc.	22.78
SCI811	Applies learning of scientific concepts in day-to-day life	32.58
SCI813	Makes efforts to protect environment	67.55

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
424	41.45	425	41.54	163	15.93	11	1.08

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (21.59)
- 2 - Measures angles of incidence and reflection, etc. (22.78)
- 3 - Plots and interprets graphs (23.67)
- 4 - Classifies materials and organisms based on properties/characteristics (25.85)
- 5 - Conducts simple investigation to seek answers to queries (26.42)