



District Report Card: 2017


State: Punjab	District: Hoshiarpur
Class: 8	Subject: Science
Schools: 51	Students: 1029


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	559	54.32	470	45.68

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	840	81.63	189	18.37

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	558	54.23	1	0.10	248	24.10	222	21.57

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	1	0	2	1	7

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	888	86.30	141	13.70

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
41.18	41.37	40.95	41.78	38.52	39.86	49.50	39.18	73.33	42.69	44.38

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	32.80
SCI704	Conducts simple investigation to seek answers to queries	38.15
SCI705	Relates processes and phenomenon with causes	32.17
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	33.14
SCI710	Plots and interprets graphs	35.89
SCI711	Constructs models using materials from surroundings and explains their working	20.56
SCI801	Differentiates materials, organism and processes	60.46
SCI804	Relates processes and phenomenon with causes	35.89
SCI805	Explains processes and phenomenon	36.77
SCI807	Measures angles of incidence and reflection, etc.	29.93
SCI811	Applies learning of scientific concepts in day-to-day life	43.41
SCI813	Makes efforts to protect environment	69.00

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
298	28.96	435	42.27	238	23.13	58	5.64

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (20.56)
- 2 - Measures angles of incidence and reflection, etc. (29.93)
- 3 - Relates processes and phenomenon with causes (32.17)
- 4 - Classifies materials and organisms based on properties/characteristics (32.80)
- 5 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (33.14)