



District Report Card: 2017


State: Punjab	District: Jalandhar
Class: 8	Subject: Science
Schools: 51	Students: 1100


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	487	44.27	613	55.73

AREA 	Rural		Urban	
	Number	%	Number	%
	621	56.45	479	43.55

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	769	69.91	3	0.27	138	12.55	190	17.27

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	14	0	3	0	26

Management 	Government		Government-aided	
	Number	%	Number	%
	957	87.00	143	13.00

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
34.10	36.15	32.47	35.29	32.57	33.63	37.25	33.84	42.22	35.31	34.18

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	26.04
SCI704	Conducts simple investigation to seek answers to queries	27.90
SCI705	Relates processes and phenomenon with causes	27.60
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	31.36
SCI710	Plots and interprets graphs	23.24
SCI711	Constructs models using materials from surroundings and explains their working	19.46
SCI801	Differentiates materials, organism and processes	46.02
SCI804	Relates processes and phenomenon with causes	37.48
SCI805	Explains processes and phenomenon	31.06
SCI807	Measures angles of incidence and reflection, etc.	24.82
SCI811	Applies learning of scientific concepts in day-to-day life	34.81
SCI813	Makes efforts to protect environment	67.27

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
458	41.64	455	41.36	180	16.36	7	0.64

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (19.46)
- 2 - Plots and interprets graphs (23.24)
- 3 - Measures angles of incidence and reflection, etc. (24.82)
- 4 - Classifies materials and organisms based on properties/characteristics (26.04)
- 5 - Relates processes and phenomenon with causes (27.60)