



### District Report Card: 2017


<b>State:</b> Punjab	<b>District:</b> Kapurthala
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1047


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	519	49.57	528	50.43

 AREA	Rural		Urban	
	Number	%	Number	%
	877	83.76	170	16.24

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	698	66.67	2	0.19	139	13.28	208	19.87

 CWSN	LD	VI	HI	S&LD	ID	Oth
	3	2	1	5	2	2

 Management	Government		Government-aided	
	Number	%	Number	%
	923	88.16	124	11.84

### Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
34.36	33.33	35.38	34.37	34.31	34.35	34.46	34.24	23.33	37.41	32.85

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	29.59
SCI704	Conducts simple investigation to seek answers to queries	29.69
SCI705	Relates processes and phenomenon with causes	29.69
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	29.36
SCI711	Constructs models using materials from surroundings and explains their working	21.02
SCI801	Differentiates materials, organism and processes	45.65
SCI804	Relates processes and phenomenon with causes	34.66
SCI805	Explains processes and phenomenon	23.95
SCI807	Measures angles of incidence and reflection, etc.	22.83
SCI811	Applies learning of scientific concepts in day-to-day life	37.37
SCI813	Makes efforts to protect environment	62.66

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
440	42.02	410	39.16	180	17.19	17	1.62

### Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (21.02)
- 2 - Measures angles of incidence and reflection, etc. (22.83)
- 3 - Explains processes and phenomenon (23.95)
- 4 - Plots and interprets graphs (29.36)
- 5 - Classifies materials and organisms based on properties/characteristics (29.59)