



### District Report Card: 2017


<b>State:</b> Punjab	<b>District:</b> Fatehgarh Sahib
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1119


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	627	56.03	492	43.97

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	903	80.70	216	19.30

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	738	65.95	6	0.54	198	17.69	177	15.82

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	4	3	1	6	0	21

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	978	87.40	141	12.60

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
33.79	32.44	35.51	34.06	32.69	33.85	33.38	33.13	20.00	35.32	35.33

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	27.41
SCI704	Conducts simple investigation to seek answers to queries	30.70
SCI705	Relates processes and phenomenon with causes	29.68
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	29.22
SCI710	Plots and interprets graphs	30.53
SCI711	Constructs models using materials from surroundings and explains their working	17.72
SCI801	Differentiates materials, organism and processes	47.28
SCI804	Relates processes and phenomenon with causes	29.65
SCI805	Explains processes and phenomenon	28.54
SCI807	Measures angles of incidence and reflection, etc.	24.66
SCI811	Applies learning of scientific concepts in day-to-day life	32.94
SCI813	Makes efforts to protect environment	62.56

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
466	41.64	415	37.09	211	18.86	27	2.41

### Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (17.72)
- 2 - Measures angles of incidence and reflection, etc. (24.66)
- 3 - Classifies materials and organisms based on properties/characteristics (27.41)
- 4 - Explains processes and phenomenon (28.54)
- 5 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (29.22)