



### District Report Card: 2017


<b>State:</b> Punjab	<b>District:</b> Taran Taran
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1156


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	612	52.94	544	47.06

 AREA	Rural		Urban	
	Number	%	Number	%
	996	86.16	160	13.84

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	833	72.06	7	0.61	129	11.16	187	16.18

 CWSN	LD	VI	HI	S&LD	ID	Oth
	2	3	3	16	0	0

 Management	Government		Government-aided	
	Number	%	Number	%
	1036	89.62	120	10.38

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
31.37	30.90	31.89	31.31	31.71	31.27	32.17	31.46	23.81	32.35	30.55

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	28.03
SCI704	Conducts simple investigation to seek answers to queries	23.84
SCI705	Relates processes and phenomenon with causes	29.29
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	39.53
SCI710	Plots and interprets graphs	19.96
SCI711	Constructs models using materials from surroundings and explains their working	25.22
SCI801	Differentiates materials, organism and processes	42.82
SCI804	Relates processes and phenomenon with causes	30.65
SCI805	Explains processes and phenomenon	24.24
SCI807	Measures angles of incidence and reflection, etc.	26.90
SCI811	Applies learning of scientific concepts in day-to-day life	28.79
SCI813	Makes efforts to protect environment	50.61

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
564	48.79	432	37.37	138	11.94	22	1.90

### Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (19.96)
- 2 - Conducts simple investigation to seek answers to queries (23.84)
- 3 - Explains processes and phenomenon (24.24)
- 4 - Constructs models using materials from surroundings and explains their working (25.22)
- 5 - Measures angles of incidence and reflection, etc. (26.90)