



### District Report Card: 2017


<b>State:</b> Haryana	<b>District:</b> Gurgaon
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 49	<b>Students:</b> 931


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	441		47.37		490		52.63	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	523		56.18		408		43.82	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	235	25.24	15	1.61	222	23.85	459	49.30

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	7	0	2	7	4	15

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	883		94.84	48		5.16

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
41.80	43.30	40.46	42.00	41.55	41.96	38.89	39.21	27.56	40.00	44.47

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	32.01
SCI704	Conducts simple investigation to seek answers to queries	37.13
SCI705	Relates processes and phenomenon with causes	39.51
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	43.50
SCI710	Plots and interprets graphs	39.58
SCI711	Constructs models using materials from surroundings and explains their working	21.05
SCI801	Differentiates materials, organism and processes	52.31
SCI804	Relates processes and phenomenon with causes	50.11
SCI805	Explains processes and phenomenon	36.05
SCI807	Measures angles of incidence and reflection, etc.	31.58
SCI811	Applies learning of scientific concepts in day-to-day life	42.19
SCI813	Makes efforts to protect environment	69.39

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
283	30.40	334	35.88	271	29.11	43	4.62

### Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (21.05)
- 2 - Measures angles of incidence and reflection, etc. (31.58)
- 3 - Classifies materials and organisms based on properties/characteristics (32.01)
- 4 - Explains processes and phenomenon (36.05)
- 5 - Conducts simple investigation to seek answers to queries (37.13)