



### District Report Card: 2017


<b>State:</b> Haryana	<b>District:</b> Kaithal
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1257


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	698	55.53	559	44.47

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1098	87.35	159	12.65

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	599	47.65	2	0.16	424	33.73	232	18.46

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1257	100.00	0	0.00

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
38.21	38.79	37.48	38.52	36.06	38.21	0.00	36.67	33.33	38.58	41.52

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	28.78
SCI704	Conducts simple investigation to seek answers to queries	32.94
SCI705	Relates processes and phenomenon with causes	33.32
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	44.31
SCI710	Plots and interprets graphs	34.19
SCI711	Constructs models using materials from surroundings and explains their working	21.41
SCI801	Differentiates materials, organism and processes	47.35
SCI804	Relates processes and phenomenon with causes	39.30
SCI805	Explains processes and phenomenon	37.55
SCI807	Measures angles of incidence and reflection, etc.	22.28
SCI811	Applies learning of scientific concepts in day-to-day life	41.37
SCI813	Makes efforts to protect environment	62.05

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
424	33.73	547	43.52	252	20.05	34	2.70

### Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (21.41)
- 2 - Measures angles of incidence and reflection, etc. (22.28)
- 3 - Classifies materials and organisms based on properties/characteristics (28.78)
- 4 - Conducts simple investigation to seek answers to queries (32.94)
- 5 - Relates processes and phenomenon with causes (33.32)