



**District Report Card: 2017**


<b>State:</b> Karnataka	<b>District:</b> Kolar
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1349


**Participation/Coverage**


**Students**

 GENDER	Boys		Girls	
	Number	%	Number	%
	642	47.59	707	52.41

 AREA	Rural		Urban	
	Number	%	Number	%
	925	68.57	424	31.43

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	515	38.18	117	8.67	645	47.81	72	5.34

 CWSN	LD	VI	HI	S&LD	ID	Oth
	2	2	0	1	4	5

 Management	Government		Government-aided	
	Number	%	Number	%
	970	71.91	379	28.09

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
45.90	44.76	46.94	48.74	39.72	46.52	44.33	44.75	48.21	47.02	40.37

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	46.93
SCI704	Conducts simple investigation to seek answers to queries	31.56
SCI705	Relates processes and phenomenon with causes	45.14
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	50.93
SCI710	Plots and interprets graphs	48.59
SCI711	Constructs models using materials from surroundings and explains their working	40.86
SCI801	Differentiates materials, organism and processes	52.36
SCI804	Relates processes and phenomenon with causes	54.98
SCI805	Explains processes and phenomenon	40.79
SCI807	Measures angles of incidence and reflection, etc.	47.66
SCI811	Applies learning of scientific concepts in day-to-day life	39.24
SCI813	Makes efforts to protect environment	68.35

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
374	27.72	399	29.58	434	32.17	142	10.53

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (31.56)
- 2 - Applies learning of scientific concepts in day-to-day life (39.24)
- 3 - Explains processes and phenomenon (40.79)
- 4 - Constructs models using materials from surroundings and explains their working (40.86)
- 5 - Relates processes and phenomenon with causes (45.14)