



**District Report Card: 2017**


<b>State:</b> Karnataka	<b>District:</b> Bengaluru U North
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 49	<b>Students:</b> 1336


**Participation/Coverage**


**Students**

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	526	39.37	810	60.63

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	130	9.73	1206	90.27

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	490	36.68	62	4.64	584	43.71	200	14.97

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	5	12	4	2	0	32

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	628	47.01	708	52.99

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.22	37.17	37.24	35.03	37.45	39.49	35.20	37.67	34.95	37.77	35.17

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.19
SCI704	Conducts simple investigation to seek answers to queries	24.16
SCI705	Relates processes and phenomenon with causes	40.21
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	32.19
SCI710	Plots and interprets graphs	35.15
SCI711	Constructs models using materials from surroundings and explains their working	28.33
SCI801	Differentiates materials, organism and processes	41.27
SCI804	Relates processes and phenomenon with causes	40.76
SCI805	Explains processes and phenomenon	36.38
SCI807	Measures angles of incidence and reflection, etc.	28.97
SCI811	Applies learning of scientific concepts in day-to-day life	32.88
SCI813	Makes efforts to protect environment	64.52

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
516	38.62	513	38.40	266	19.91	41	3.07

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (24.16)
- 2 - Constructs models using materials from surroundings and explains their working (28.33)
- 3 - Measures angles of incidence and reflection, etc. (28.97)
- 4 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (32.19)
- 5 - Applies learning of scientific concepts in day-to-day life (32.88)