



District Report Card: 2017


State: Karnataka	District: Bengaluru U South
Class: 8	Subject: Science
Schools: 51	Students: 1373


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	665	48.43	708	51.57

 AREA	Rural		Urban	
	Number	%	Number	%
	192	13.98	1181	86.02

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	514	37.44	53	3.86	659	48.00	147	10.71

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

 Management	Government		Government-aided	
	Number	%	Number	%
	613	44.65	760	55.35

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
44.42	43.89	44.92	43.65	44.55	49.33	40.46	42.46	36.48	48.37	36.46

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	48.95
SCI704	Conducts simple investigation to seek answers to queries	26.41
SCI705	Relates processes and phenomenon with causes	47.53
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	48.22
SCI710	Plots and interprets graphs	43.99
SCI711	Constructs models using materials from surroundings and explains their working	37.98
SCI801	Differentiates materials, organism and processes	46.99
SCI804	Relates processes and phenomenon with causes	46.92
SCI805	Explains processes and phenomenon	42.68
SCI807	Measures angles of incidence and reflection, etc.	39.77
SCI811	Applies learning of scientific concepts in day-to-day life	39.29
SCI813	Makes efforts to protect environment	73.49

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
426	31.03	392	28.55	426	31.03	129	9.40

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (26.41)
- 2 - Constructs models using materials from surroundings and explains their working (37.98)
- 3 - Applies learning of scientific concepts in day-to-day life (39.29)
- 4 - Measures angles of incidence and reflection, etc. (39.77)
- 5 - Explains processes and phenomenon (42.68)