



District Report Card: 2017


State: Karnataka	District: Bengaluru Rural
Class: 8	Subject: Science
Schools: 50	Students: 1388


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	651	46.90	737	53.10

AREA 	Rural		Urban	
	Number	%	Number	%
	1126	81.12	262	18.88

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	526	37.90	95	6.84	701	50.50	66	4.76

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	2	0	4	6	28

Management 	Government		Government-aided	
	Number	%	Number	%
	949	68.37	439	31.63

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
53.41	51.84	54.79	55.07	46.23	53.86	52.42	53.81	54.18	54.52	37.17

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	58.41
SCI704	Conducts simple investigation to seek answers to queries	34.33
SCI705	Relates processes and phenomenon with causes	49.69
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	58.43
SCI710	Plots and interprets graphs	54.51
SCI711	Constructs models using materials from surroundings and explains their working	56.80
SCI801	Differentiates materials, organism and processes	58.36
SCI804	Relates processes and phenomenon with causes	60.80
SCI805	Explains processes and phenomenon	46.27
SCI807	Measures angles of incidence and reflection, etc.	54.83
SCI811	Applies learning of scientific concepts in day-to-day life	47.73
SCI813	Makes efforts to protect environment	82.42

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
310	22.33	335	24.14	427	30.76	316	22.77

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (34.33)
- 2 - Explains processes and phenomenon (46.27)
- 3 - Applies learning of scientific concepts in day-to-day life (47.73)
- 4 - Relates processes and phenomenon with causes (49.69)
- 5 - Plots and interprets graphs (54.51)