



District Report Card: 2017


State: Karnataka	District: Ballari
Class: 8	Subject: Science
Schools: 51	Students: 1470


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	721	49.05	749	50.95

AREA 	Rural		Urban	
	Number	%	Number	%
	1086	73.88	384	26.12

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	403	27.41	367	24.97	641	43.61	59	4.01

CWSN 	LD	VI	HI	S&LD	ID	Oth
	4	3	1	1	3	3

Management 	Government		Government-aided	
	Number	%	Number	%
	1051	71.50	419	28.50

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
59.19	59.90	58.50	62.92	48.63	59.46	58.50	58.74	59.73	59.31	57.51

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	65.40
SCI704	Conducts simple investigation to seek answers to queries	37.78
SCI705	Relates processes and phenomenon with causes	56.55
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	76.60
SCI710	Plots and interprets graphs	57.01
SCI711	Constructs models using materials from surroundings and explains their working	65.71
SCI801	Differentiates materials, organism and processes	66.56
SCI804	Relates processes and phenomenon with causes	73.20
SCI805	Explains processes and phenomenon	46.85
SCI807	Measures angles of incidence and reflection, etc.	60.20
SCI811	Applies learning of scientific concepts in day-to-day life	49.20
SCI813	Makes efforts to protect environment	87.07

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
142	9.66	324	22.04	699	47.55	305	20.75

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (37.78)
- 2 - Explains processes and phenomenon (46.85)
- 3 - Applies learning of scientific concepts in day-to-day life (49.20)
- 4 - Relates processes and phenomenon with causes (56.55)
- 5 - Plots and interprets graphs (57.01)