



District Report Card: 2017


State: Karnataka	District: Chamarajanagara
Class: 8	Subject: Science
Schools: 51	Students: 1391


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	684	49.17	707	50.83

AREA 	Rural		Urban	
	Number	%	Number	%
	1033	74.26	358	25.74

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	415	29.83	161	11.57	809	58.16	6	0.43

CWSN 	LD	VI	HI	S&LD	ID	Oth
	0	1	1	3	4	2

Management 	Government		Government-aided	
	Number	%	Number	%
	989	71.10	402	28.90

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
49.38	50.38	48.42	50.78	45.34	53.03	40.41	50.39	45.13	49.86	28.89

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	50.96
SCI704	Conducts simple investigation to seek answers to queries	32.39
SCI705	Relates processes and phenomenon with causes	49.40
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	52.48
SCI710	Plots and interprets graphs	50.78
SCI711	Constructs models using materials from surroundings and explains their working	45.79
SCI801	Differentiates materials, organism and processes	54.74
SCI804	Relates processes and phenomenon with causes	57.63
SCI805	Explains processes and phenomenon	45.56
SCI807	Measures angles of incidence and reflection, etc.	48.67
SCI811	Applies learning of scientific concepts in day-to-day life	43.60
SCI813	Makes efforts to protect environment	76.35

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
347	24.95	358	25.74	478	34.36	208	14.95

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (32.39)
- 2 - Applies learning of scientific concepts in day-to-day life (43.60)
- 3 - Explains processes and phenomenon (45.56)
- 4 - Constructs models using materials from surroundings and explains their working (45.79)
- 5 - Measures angles of incidence and reflection, etc. (48.67)