



District Report Card: 2017


State: Karnataka	District: Chitradurga
Class: 8	Subject: Science
Schools: 49	Students: 1360


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	684	50.29	676	49.71

 AREA	Rural		Urban	
	Number	%	Number	%
	966	71.03	394	28.97

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	463	34.04	256	18.82	600	44.12	41	3.01

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

 Management	Government		Government-aided	
	Number	%	Number	%
	600	44.12	760	55.88

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
56.06	56.61	55.51	57.98	51.37	56.12	56.02	55.21	57.16	55.46	67.80

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	58.39
SCI704	Conducts simple investigation to seek answers to queries	33.71
SCI705	Relates processes and phenomenon with causes	56.08
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	66.84
SCI710	Plots and interprets graphs	54.68
SCI711	Constructs models using materials from surroundings and explains their working	53.19
SCI801	Differentiates materials, organism and processes	61.42
SCI804	Relates processes and phenomenon with causes	61.07
SCI805	Explains processes and phenomenon	52.47
SCI807	Measures angles of incidence and reflection, etc.	62.65
SCI811	Applies learning of scientific concepts in day-to-day life	49.20
SCI813	Makes efforts to protect environment	80.51

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
232	17.06	319	23.46	465	34.19	344	25.29

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (33.71)
- 2 - Applies learning of scientific concepts in day-to-day life (49.20)
- 3 - Explains processes and phenomenon (52.47)
- 4 - Constructs models using materials from surroundings and explains their working (53.19)
- 5 - Plots and interprets graphs (54.68)