



District Report Card: 2017


State: Karnataka	District: Davanagere
Class: 8	Subject: Science
Schools: 51	Students: 1435


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	710	49.48	725	50.52

 AREA	Rural		Urban	
	Number	%	Number	%
	1079	75.19	356	24.81

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	379	26.41	212	14.77	717	49.97	127	8.85

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

 Management	Government		Government-aided	
	Number	%	Number	%
	681	47.46	754	52.54

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
59.09	58.80	59.37	60.92	53.54	60.66	57.67	57.33	59.87	58.96	63.78

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	59.11
SCI704	Conducts simple investigation to seek answers to queries	40.78
SCI705	Relates processes and phenomenon with causes	55.76
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	68.99
SCI710	Plots and interprets graphs	56.26
SCI711	Constructs models using materials from surroundings and explains their working	60.94
SCI801	Differentiates materials, organism and processes	68.22
SCI804	Relates processes and phenomenon with causes	63.82
SCI805	Explains processes and phenomenon	53.57
SCI807	Measures angles of incidence and reflection, etc.	69.27
SCI811	Applies learning of scientific concepts in day-to-day life	49.28
SCI813	Makes efforts to protect environment	83.55

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
182	12.68	272	18.95	627	43.69	354	24.67

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (40.78)
- 2 - Applies learning of scientific concepts in day-to-day life (49.28)
- 3 - Explains processes and phenomenon (53.57)
- 4 - Relates processes and phenomenon with causes (55.76)
- 5 - Plots and interprets graphs (56.26)