



**District Report Card: 2017**


<b>State:</b> Karnataka	<b>District:</b> Vijayapura
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 50	<b>Students:</b> 1345


**Participation/Coverage**


**Students**

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	676	50.26	669	49.74

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1044	77.62	301	22.38

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	225	16.73	17	1.26	1018	75.69	85	6.32

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	2	0	0	2	0	25

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	774	57.55	571	42.45

**Average Performance of Students in Science (%)**

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
57.24	55.59	58.91	55.28	64.05	57.53	56.86	58.34	54.51	58.27	42.59

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	59.90
SCI704	Conducts simple investigation to seek answers to queries	33.68
SCI705	Relates processes and phenomenon with causes	56.74
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	69.96
SCI710	Plots and interprets graphs	55.19
SCI711	Constructs models using materials from surroundings and explains their working	66.32
SCI801	Differentiates materials, organism and processes	66.24
SCI804	Relates processes and phenomenon with causes	62.41
SCI805	Explains processes and phenomenon	48.49
SCI807	Measures angles of incidence and reflection, etc.	62.38
SCI811	Applies learning of scientific concepts in day-to-day life	49.72
SCI813	Makes efforts to protect environment	79.85

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
173	12.86	310	23.05	561	41.71	301	22.38

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (33.68)
- 2 - Explains processes and phenomenon (48.49)
- 3 - Applies learning of scientific concepts in day-to-day life (49.72)
- 4 - Plots and interprets graphs (55.19)
- 5 - Relates processes and phenomenon with causes (56.74)