



**District Report Card: 2017**


<b>State:</b> Jammu And Kashmir	<b>District:</b> Badgam
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 651


**Participation/Coverage**


**Students**

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	650	99.85	1	0.15

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	319	49.00	332	51.00

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	7	1.08	16	2.46	271	41.63	357	54.84

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	1	0	0	0	0	1

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	638	98.00	13	2.00

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
45.89	45.94	13.33	44.18	47.53	46.32	24.62	42.86	44.58	40.86	49.82

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.65
SCI704	Conducts simple investigation to seek answers to queries	40.02
SCI705	Relates processes and phenomenon with causes	40.73
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	58.06
SCI710	Plots and interprets graphs	46.35
SCI711	Constructs models using materials from surroundings and explains their working	38.73
SCI801	Differentiates materials, organism and processes	45.59
SCI804	Relates processes and phenomenon with causes	43.81
SCI805	Explains processes and phenomenon	43.36
SCI807	Measures angles of incidence and reflection, etc.	56.84
SCI811	Applies learning of scientific concepts in day-to-day life	43.16
SCI813	Makes efforts to protect environment	59.91

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
180	27.65	208	31.95	200	30.72	63	9.68

### Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (38.73)
- 2 - Conducts simple investigation to seek answers to queries (40.02)
- 3 - Relates processes and phenomenon with causes (40.73)
- 4 - Classifies materials and organisms based on properties/characteristics (42.65)
- 5 - Applies learning of scientific concepts in day-to-day life (43.16)