NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING
NATIONAL ACHIEVEMENT SURVEY - NAS
(Survey of Learning Outcomes)

District Report Card: 2017	
State: Jammu And Kashmir	**District:** Kathua
Class: 8	**Subject:** Science
Schools: 51	**Students:** 775

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	404	52.13	371	47.87

AREA	Rural		Urban	
	Number	%	Number	%
	743	95.87	32	4.13

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	267	34.45	87	11.23	48	6.19	373	48.13

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

Management	Government		Government-aided	
	Number	%	Number	%
	775	100.00	0	0.00

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
33.17	31.14	35.38	32.82	41.25	33.17	0.00	35.58	34.87	36.94	30.56

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.39
SCI704	Conducts simple investigation to seek answers to queries	33.28
SCI705	Relates processes and phenomenon with causes	28.33
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	40.77
SCI710	Plots and interprets graphs	21.43
SCI711	Constructs models using materials from surroundings and explains their working	21.96
SCI801	Differentiates materials, organism and processes	39.12
SCI804	Relates processes and phenomenon with causes	34.13
SCI805	Explains processes and phenomenon	31.66
SCI807	Measures angles of incidence and reflection, etc.	39.23
SCI811	Applies learning of scientific concepts in day-to-day life	28.79
SCI813	Makes efforts to protect environment	38.71

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
408	52.65	217	28.00	115	14.84	35	4.52

Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (21.43)

2 - Constructs models using materials from surroundings and explains their working (21.96)

3 - Relates processes and phenomenon with causes (28.33)

4 - Applies learning of scientific concepts in day-to-day life (28.79)

5 - Explains processes and phenomenon (31.66)

CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.