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

District Report Card: 2017	
State: Jammu And Kashmir	**District:** Rajauri
Class: 8	**Subject:** Science
Schools: 51	**Students:** 842

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	426	50.59	416	49.41

AREA	Rural		Urban	
	Number	%	Number	%
	812	96.44	30	3.56

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	53	6.29	380	45.13	73	8.67	336	39.90

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	2	1	4	1	3

Management	Government		Government-aided	
	Number	%	Number	%
	842	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
37.27	36.85	37.69	37.73	24.89	37.27	0.00	39.75	39.30	35.34	35.00

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.10
SCI704	Conducts simple investigation to seek answers to queries	35.49
SCI705	Relates processes and phenomenon with causes	34.23
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	48.57
SCI710	Plots and interprets graphs	34.62
SCI711	Constructs models using materials from surroundings and explains their working	32.45
SCI801	Differentiates materials, organism and processes	36.14
SCI804	Relates processes and phenomenon with causes	45.91
SCI805	Explains processes and phenomenon	36.51
SCI807	Measures angles of incidence and reflection, etc.	38.95
SCI811	Applies learning of scientific concepts in day-to-day life	31.70
SCI813	Makes efforts to protect environment	42.64

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
342	40.62	276	32.78	190	22.57	34	4.04

Lowest Performing Learning Outcomes (LOs)

1 - Applies learning of scientific concepts in day-to-day life (31.70)

2 - Constructs models using materials from surroundings and explains their working (32.45)

3 - Relates processes and phenomenon with causes (34.23)

4 - Plots and interprets graphs (34.62)

5 - Conducts simple investigation to seek answers to queries (35.49)

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

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