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

District Report Card: 2017	
State: Jammu And Kashmir	**District:** Samba
Class: 8	**Subject:** Science
Schools: 51	**Students:** 661

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	326	49.32	335	50.68

AREA	Rural		Urban	
	Number	%	Number	%
	642	97.13	19	2.87

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	352	53.25	81	12.25	74	11.20	154	23.30

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	2	1	0	0	0

Management	Government		Government-aided	
	Number	%	Number	%
	661	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
39.78	38.79	40.74	40.26	23.51	39.78	0.00	38.18	48.07	35.32	41.21

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.62
SCI704	Conducts simple investigation to seek answers to queries	40.88
SCI705	Relates processes and phenomenon with causes	37.68
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	47.05
SCI710	Plots and interprets graphs	25.31
SCI711	Constructs models using materials from surroundings and explains their working	30.56
SCI801	Differentiates materials, organism and processes	44.77
SCI804	Relates processes and phenomenon with causes	51.85
SCI805	Explains processes and phenomenon	33.97
SCI807	Measures angles of incidence and reflection, etc.	43.27
SCI811	Applies learning of scientific concepts in day-to-day life	37.20
SCI813	Makes efforts to protect environment	38.88

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
259	39.18	191	28.90	157	23.75	54	8.17

Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (25.31)

2 - Constructs models using materials from surroundings and explains their working (30.56)

3 - Explains processes and phenomenon (33.97)

4 - Applies learning of scientific concepts in day-to-day life (37.20)

5 - Relates processes and phenomenon with causes (37.68)

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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