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

District Report Card: 2017	
State: Uttar Pradesh	**District:** Baghpat
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1066

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	479	44.93	587	55.07

AREA	Rural		Urban	
	Number	%	Number	%
	859	80.58	207	19.42

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	190	17.82	16	1.50	705	66.14	155	14.54

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	2	1	2	2	30

Management	Government		Government-aided	
	Number	%	Number	%
	460	43.15	606	56.85

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
39.65	38.98	40.19	40.88	34.52	42.12	37.78	36.04	29.17	41.84	35.18

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.44
SCI704	Conducts simple investigation to seek answers to queries	26.22
SCI705	Relates processes and phenomenon with causes	36.30
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	48.78
SCI710	Plots and interprets graphs	29.96
SCI711	Constructs models using materials from surroundings and explains their working	25.84
SCI801	Differentiates materials, organism and processes	48.64
SCI804	Relates processes and phenomenon with causes	46.82
SCI805	Explains processes and phenomenon	35.04
SCI807	Measures angles of incidence and reflection, etc.	36.40
SCI811	Applies learning of scientific concepts in day-to-day life	39.37
SCI813	Makes efforts to protect environment	58.54

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
382	35.83	389	36.49	235	22.05	60	5.63

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (25.84)

2 - Conducts simple investigation to seek answers to queries (26.22)

3 - Plots and interprets graphs (29.96)

4 - Explains processes and phenomenon (35.04)

5 - Relates processes and phenomenon with causes (36.30)

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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