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

District Report Card: 2017	
State: Bihar	**District:** Rohtas
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1096

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	462	42.15	634	57.85

AREA	Rural		Urban	
	Number	%	Number	%
	1003	91.51	93	8.49

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	204	18.61	16	1.46	768	70.07	108	9.85

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	0	2	5	1	0

Management	Government		Government-aided	
	Number	%	Number	%
	1096	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
42.52	45.34	40.47	43.16	35.70	42.52	0.00	38.95	29.58	43.86	41.67

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.78
SCI704	Conducts simple investigation to seek answers to queries	25.70
SCI705	Relates processes and phenomenon with causes	47.76
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	50.18
SCI710	Plots and interprets graphs	34.87
SCI711	Constructs models using materials from surroundings and explains their working	35.24
SCI801	Differentiates materials, organism and processes	51.01
SCI804	Relates processes and phenomenon with causes	43.91
SCI805	Explains processes and phenomenon	31.03
SCI807	Measures angles of incidence and reflection, etc.	48.63
SCI811	Applies learning of scientific concepts in day-to-day life	41.91
SCI813	Makes efforts to protect environment	57.48

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
370	33.76	321	29.29	310	28.28	95	8.67

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (25.70)

2 - Explains processes and phenomenon (31.03)

3 - Plots and interprets graphs (34.87)

4 - Constructs models using materials from surroundings and explains their working (35.24)

5 - Classifies materials and organisms based on properties/characteristics (40.78)

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

2