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

Government of India
MHRD

NCERT

District Report Card: 2017	
State: Jharkhand	**District:** Pakaur
Class: 8	**Subject:** Science
Schools: 49	**Students:** 1056

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	530	50.19	526	49.81

AREA	Rural		Urban	
	Number	%	Number	%
	924	87.50	132	12.50

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	52	4.92	251	23.77	704	66.67	49	4.64

CWSN	LD	VI	HI	S&LD	ID	Oth
	4	3	2	0	2	9

Management	Government		Government-aided	
	Number	%	Number	%
	1032	97.73	24	2.27

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
57.41	56.25	58.57	58.07	52.73	57.73	43.33	47.69	51.55	60.18	57.82

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	57.81
SCI704	Conducts simple investigation to seek answers to queries	38.42
SCI705	Relates processes and phenomenon with causes	54.81
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	74.15
SCI710	Plots and interprets graphs	48.31
SCI711	Constructs models using materials from surroundings and explains their working	51.88
SCI801	Differentiates materials, organism and processes	63.68
SCI804	Relates processes and phenomenon with causes	64.29
SCI805	Explains processes and phenomenon	40.13
SCI807	Measures angles of incidence and reflection, etc.	66.76
SCI811	Applies learning of scientific concepts in day-to-day life	62.63
SCI813	Makes efforts to protect environment	67.14

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
130	12.31	255	24.15	474	44.89	197	18.66

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (38.42)

2 - Explains processes and phenomenon (40.13)

3 - Plots and interprets graphs (48.31)

4 - Constructs models using materials from surroundings and explains their working (51.88)

5 - Relates processes and phenomenon with causes (54.81)

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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