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

District Report Card: 2017	
State: Gujarat	**District:** Chhotaudepur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1249

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	628	50.28	621	49.72

AREA	Rural		Urban	
	Number	%	Number	%
	1191	95.36	58	4.64

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	35	2.80	1010	80.86	149	11.93	55	4.40

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	1	0	0	7	3

Management	Government		Government-aided	
	Number	%	Number	%
	1159	92.79	90	7.21

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
52.42	55.08	49.73	52.66	47.47	52.48	51.70	56.95	51.25	57.18	58.06

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	53.70
SCI704	Conducts simple investigation to seek answers to queries	40.52
SCI705	Relates processes and phenomenon with causes	49.60
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	61.09
SCI710	Plots and interprets graphs	43.90
SCI711	Constructs models using materials from surroundings and explains their working	47.32
SCI801	Differentiates materials, organism and processes	62.73
SCI804	Relates processes and phenomenon with causes	50.57
SCI805	Explains processes and phenomenon	47.58
SCI807	Measures angles of incidence and reflection, etc.	39.63
SCI811	Applies learning of scientific concepts in day-to-day life	55.51
SCI813	Makes efforts to protect environment	63.49

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
229	18.33	344	27.54	487	38.99	189	15.13

Lowest Performing Learning Outcomes (LOs)

1 - Measures angles of incidence and reflection, etc. (39.63)

2 - Conducts simple investigation to seek answers to queries (40.52)

3 - Plots and interprets graphs (43.90)

4 - Constructs models using materials from surroundings and explains their working (47.32)

5 - Explains processes and phenomenon (47.58)

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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