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: Gujarat	**District:** Porbandar
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1137

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	527	46.35	610	53.65

AREA	Rural		Urban	
	Number	%	Number	%
	710	62.45	427	37.55

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	184	16.18	30	2.64	876	77.04	47	4.13

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	3	1	0	4	1

Management	Government		Government-aided	
	Number	%	Number	%
	1137	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
49.85	48.43	51.08	50.00	49.60	49.85	0.00	47.32	45.78	50.37	52.77

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	52.27
SCI704	Conducts simple investigation to seek answers to queries	42.06
SCI705	Relates processes and phenomenon with causes	47.49
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	55.85
SCI710	Plots and interprets graphs	35.41
SCI711	Constructs models using materials from surroundings and explains their working	41.46
SCI801	Differentiates materials, organism and processes	57.05
SCI804	Relates processes and phenomenon with causes	53.02
SCI805	Explains processes and phenomenon	44.86
SCI807	Measures angles of incidence and reflection, etc.	43.18
SCI811	Applies learning of scientific concepts in day-to-day life	49.23
SCI813	Makes efforts to protect environment	66.67

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
244	21.46	308	27.09	450	39.58	135	11.87

Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (35.41)

2 - Constructs models using materials from surroundings and explains their working (41.46)

3 - Conducts simple investigation to seek answers to queries (42.06)

4 - Measures angles of incidence and reflection, etc. (43.18)

5 - Explains processes and phenomenon (44.86)

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