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:** Surat
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1330

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	690	51.88	640	48.12

AREA	Rural		Urban	
	Number	%	Number	%
	500	37.59	830	62.41

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	58	4.36	459	34.51	386	29.02	427	32.11

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

Management	Government		Government-aided	
	Number	%	Number	%
	1211	91.05	119	8.95

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
49.23	**47.74**	**50.84**	**53.19**	**46.85**	**50.26**	**38.82**	**47.59**	**51.50**	**51.36**	**45.09**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	51.00
SCI704	Conducts simple investigation to seek answers to queries	39.74
SCI705	Relates processes and phenomenon with causes	46.15
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	55.64
SCI710	Plots and interprets graphs	44.11
SCI711	Constructs models using materials from surroundings and explains their working	38.82
SCI801	Differentiates materials, organism and processes	54.94
SCI804	Relates processes and phenomenon with causes	45.47
SCI805	Explains processes and phenomenon	45.85
SCI807	Measures angles of incidence and reflection, etc.	44.36
SCI811	Applies learning of scientific concepts in day-to-day life	50.42
SCI813	Makes efforts to protect environment	64.29

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
274	20.60	399	30.00	499	37.52	158	11.88

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (38.82)

2 - Conducts simple investigation to seek answers to queries (39.74)

3 - Plots and interprets graphs (44.11)

4 - Measures angles of incidence and reflection, etc. (44.36)

5 - Relates processes and phenomenon with causes (45.47)

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