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

District Report Card: 2017	
State: Gujarat	**District:** Gir Somnath
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1195

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	573	47.95	622	52.05

AREA	Rural		Urban	
	Number	%	Number	%
	1000	83.68	195	16.32

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	132	11.05	7	0.59	970	81.17	86	7.20

CWSN	LD	VI	HI	S&LD	ID	Oth
	9	5	0	3	4	6

Management	Government		Government-aided	
	Number	%	Number	%
	1187	99.33	8	0.67

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
48.75	**46.04**	**51.24**	**49.96**	**42.53**	**48.74**	**49.17**	**45.66**	**64.76**	**49.20**	**47.05**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	49.81
SCI704	Conducts simple investigation to seek answers to queries	37.21
SCI705	Relates processes and phenomenon with causes	47.77
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	51.38
SCI710	Plots and interprets graphs	36.33
SCI711	Constructs models using materials from surroundings and explains their working	48.50
SCI801	Differentiates materials, organism and processes	53.82
SCI804	Relates processes and phenomenon with causes	45.00
SCI805	Explains processes and phenomenon	44.19
SCI807	Measures angles of incidence and reflection, etc.	45.10
SCI811	Applies learning of scientific concepts in day-to-day life	53.83
SCI813	Makes efforts to protect environment	59.16

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
298	24.94	321	26.86	435	36.40	141	11.80

Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (36.33)

2 - Conducts simple investigation to seek answers to queries (37.21)

3 - Explains processes and phenomenon (44.19)

4 - Relates processes and phenomenon with causes (45.00)

5 - Measures angles of incidence and reflection, etc. (45.10)

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

2