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

Government of India
MHRD

विद्यया ऽ मृतमश्नुते
एन सी ई आर टी

District Report Card: 2017	
State: Telangana	**District:** SIDDIPET
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1262

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	619	49.05	643	50.95

AREA	Rural		Urban	
	Number	%	Number	%
	1078	85.42	184	14.58

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	390	30.90	42	3.33	789	62.52	41	3.25

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	0	0	4	4	39

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1261	99.92	1	0.08

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
45.19	**42.77**	**47.53**	**46.83**	**35.62**	**45.20**	**33.33**	**41.91**	**41.27**	**46.95**	**46.67**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	47.19
SCI704	Conducts simple investigation to seek answers to queries	27.34
SCI705	Relates processes and phenomenon with causes	55.20
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	47.78
SCI710	Plots and interprets graphs	47.68
SCI711	Constructs models using materials from surroundings and explains their working	42.88
SCI801	Differentiates materials, organism and processes	39.22
SCI804	Relates processes and phenomenon with causes	54.08
SCI805	Explains processes and phenomenon	40.10
SCI807	Measures angles of incidence and reflection, etc.	42.79
SCI811	Applies learning of scientific concepts in day-to-day life	50.95
SCI813	Makes efforts to protect environment	63.71

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
372	29.48	393	31.14	365	28.92	132	10.46

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (27.34)
2. Differentiates materials, organism and processes (39.22)
3. Explains processes and phenomenon (40.1)
4. Measures angles of incidence and reflection, etc. (42.79)
5. Constructs models using materials from surroundings and explains their working (42.88)

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