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

विद्यया ऽ मृतमश्नुते

Government of India
MHRD

NCERT

District Report Card: 2017	
State: Telangana	**District:** RANGAREDDY
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1207

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	593	49.13	614	50.87

AREA	Rural		Urban	
	Number	%	Number	%
	835	69.18	372	30.82

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	383	31.73	164	13.59	594	49.21	66	5.47

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	1	2	9	0	6

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1205	99.83	2	0.17

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
39.74	**39.70**	**39.78**	**39.90**	**39.37**	**39.74**	**40.00**	**40.59**	**36.22**	**40.02**	**41.01**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.11
SCI704	Conducts simple investigation to seek answers to queries	20.01
SCI705	Relates processes and phenomenon with causes	49.02
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	40.27
SCI710	Plots and interprets graphs	39.22
SCI711	Constructs models using materials from surroundings and explains their working	36.76
SCI801	Differentiates materials, organism and processes	32.97
SCI804	Relates processes and phenomenon with causes	45.92
SCI805	Explains processes and phenomenon	35.71
SCI807	Measures angles of incidence and reflection, etc.	32.23
SCI811	Applies learning of scientific concepts in day-to-day life	47.04
SCI813	Makes efforts to protect environment	60.40

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
439	36.37	407	33.72	300	24.86	61	5.05

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (20.01)
2. Measures angles of incidence and reflection, etc. (32.23)
3. Differentiates materials, organism and processes (32.97)
4. Explains processes and phenomenon (35.71)
5. Constructs models using materials from surroundings and explains their working (36.76)

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