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

Government of India
MHRD

विद्यया ऽ मृतमश्नुते
NC☸ERT

District Report Card: 2017	
State: Telangana	**District:** SANGAREDDY
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1393

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	576	41.35	817	58.65

AREA	Rural		Urban	
	Number	%	Number	%
	1168	83.85	225	16.15

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	405	29.07	141	10.12	809	58.08	38	2.73

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	1	0	2	1	15

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1391	99.86	2	0.14

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
44.65	43.97	45.12	45.00	42.81	44.67	30.00	43.18	43.26	45.44	48.60

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.69
SCI704	Conducts simple investigation to seek answers to queries	25.38
SCI705	Relates processes and phenomenon with causes	50.72
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	45.80
SCI710	Plots and interprets graphs	47.84
SCI711	Constructs models using materials from surroundings and explains their working	48.56
SCI801	Differentiates materials, organism and processes	41.66
SCI804	Relates processes and phenomenon with causes	50.29
SCI805	Explains processes and phenomenon	45.08
SCI807	Measures angles of incidence and reflection, etc.	39.91
SCI811	Applies learning of scientific concepts in day-to-day life	48.08
SCI813	Makes efforts to protect environment	60.45

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
417	29.94	438	31.44	379	27.21	159	11.41

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (25.38)
2. Measures angles of incidence and reflection, etc. (39.91)
3. Differentiates materials, organism and processes (41.66)
4. Classifies materials and organisms based on properties/characteristics (44.69)
5. Explains processes and phenomenon (45.08)

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