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

District Report Card: 2017	
State: Telangana	**District:** WARANGAL RURAL
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1073

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	444	41.38	629	58.62

AREA	Rural		Urban	
	Number	%	Number	%
	1053	98.14	20	1.86

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	283	26.37	282	26.28	456	42.50	52	4.85

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

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1073	100.00	0	0.00

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
34.57	34.82	34.39	34.64	30.67	34.57	0.00	34.32	33.33	35.58	33.72

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.74
SCI704	Conducts simple investigation to seek answers to queries	22.60
SCI705	Relates processes and phenomenon with causes	45.40
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	28.52
SCI710	Plots and interprets graphs	24.58
SCI711	Constructs models using materials from surroundings and explains their working	24.39
SCI801	Differentiates materials, organism and processes	33.74
SCI804	Relates processes and phenomenon with causes	43.34
SCI805	Explains processes and phenomenon	31.13
SCI807	Measures angles of incidence and reflection, etc.	31.78
SCI811	Applies learning of scientific concepts in day-to-day life	40.70
SCI813	Makes efforts to protect environment	49.30

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
445	41.47	438	40.82	187	17.43	3	0.28

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (22.6)
2. Constructs models using materials from surroundings and explains their working (24.39)
3. Plots and interprets graphs (24.58)
4. Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc (28.52)
5. Explains processes and phenomenon (31.13)

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