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

District Report Card: 2017	
State: Telangana	**District:** ADILABAD
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1301

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	687	52.81	614	47.19

AREA	Rural		Urban	
	Number	%	Number	%
	1095	84.17	206	15.83

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	211	16.22	612	47.04	423	32.51	55	4.23

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

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1299	99.85	2	0.15

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
31.51	31.64	31.37	31.23	33.01	31.53	20.00	31.41	30.76	32.84	29.94

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	30.90
SCI704	Conducts simple investigation to seek answers to queries	18.45
SCI705	Relates processes and phenomenon with causes	39.91
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	28.75
SCI710	Plots and interprets graphs	32.97
SCI711	Constructs models using materials from surroundings and explains their working	25.89
SCI801	Differentiates materials, organism and processes	30.11
SCI804	Relates processes and phenomenon with causes	37.90
SCI805	Explains processes and phenomenon	31.28
SCI807	Measures angles of incidence and reflection, etc.	26.67
SCI811	Applies learning of scientific concepts in day-to-day life	35.53
SCI813	Makes efforts to protect environment	42.51

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
697	53.57	426	32.74	163	12.53	15	1.15

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (18.45)
2. Constructs models using materials from surroundings and explains their working (25.89)
3. Measures angles of incidence and reflection, etc. (26.67)
4. Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc (28.75)
5. Differentiates materials, organism and processes (30.11)

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