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

District Report Card: 2017	
State: Telangana	**District:** HYDERABAD
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1172

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	424	36.18	748	63.82

AREA	Rural		Urban	
	Number	%	Number	%
	33	2.82	1139	97.18

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	229	19.54	54	4.61	526	44.88	363	30.97

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	10	11	1	2	23

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	663	56.57	509	43.43

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
38.84	41.32	37.43	42.83	38.72	39.76	37.64	35.98	40.25	39.40	39.61

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.74
SCI704	Conducts simple investigation to seek answers to queries	26.96
SCI705	Relates processes and phenomenon with causes	50.00
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	36.18
SCI710	Plots and interprets graphs	35.81
SCI711	Constructs models using materials from surroundings and explains their working	30.07
SCI801	Differentiates materials, organism and processes	36.09
SCI804	Relates processes and phenomenon with causes	48.65
SCI805	Explains processes and phenomenon	36.60
SCI807	Measures angles of incidence and reflection, etc.	34.39
SCI811	Applies learning of scientific concepts in day-to-day life	44.56
SCI813	Makes efforts to protect environment	54.18

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
450	38.40	420	35.84	239	20.39	63	5.38

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (26.96)
2. Constructs models using materials from surroundings and explains their working (30.07)
3. Measures angles of incidence and reflection, etc. (34.39)
4. Plots and interprets graphs (35.81)
5. Differentiates materials, organism and processes (36.09)

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