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

विद्या ऽ मृतमश्नुते

NCERT

District Report Card: 2017	
State: Telangana	**District:** MEDCHAL-MALKAJGIRI
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1338
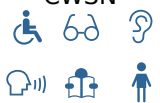
Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	580	43.35	758	56.65

AREA	Rural		Urban	
	Number	%	Number	%
	580	43.35	758	56.65

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	408	30.49	108	8.07	715	53.44	107	8.00

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	1	1	0	2	27

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1337	99.93	1	0.07

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.45	38.28	36.82	38.87	36.37	37.46	33.33	34.64	34.57	39.60	36.76

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.03
SCI704	Conducts simple investigation to seek answers to queries	20.25
SCI705	Relates processes and phenomenon with causes	52.30
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	34.68
SCI710	Plots and interprets graphs	32.74
SCI711	Constructs models using materials from surroundings and explains their working	33.48
SCI801	Differentiates materials, organism and processes	32.41
SCI804	Relates processes and phenomenon with causes	41.78
SCI805	Explains processes and phenomenon	38.12
SCI807	Measures angles of incidence and reflection, etc.	29.22
SCI811	Applies learning of scientific concepts in day-to-day life	46.54
SCI813	Makes efforts to protect environment	61.51

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
533	39.84	474	35.43	282	21.08	49	3.66

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (20.25)
2. Measures angles of incidence and reflection, etc. (29.22)
3. Differentiates materials, organism and processes (32.41)
4. Plots and interprets graphs (32.74)
5. Constructs models using materials from surroundings and explains their working (33.48)

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