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

District Report Card: 2017	
State: Karnataka	**District:** Tumakuru Madhugiri
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1444

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	693	47.99	751	52.01

AREA	Rural		Urban	
	Number	%	Number	%
	1129	78.19	315	21.81

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	474	32.83	242	16.76	645	44.67	83	5.75

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	1	0	2	4	12

Management	Government		Government-aided	
	Number	%	Number	%
	837	57.96	607	42.04

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
57.47	**56.06**	**58.78**	**57.86**	**56.08**	**54.88**	**61.05**	**59.11**	**57.08**	**56.53**	**56.63**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	60.87
SCI704	Conducts simple investigation to seek answers to queries	42.59
SCI705	Relates processes and phenomenon with causes	58.84
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	64.34
SCI710	Plots and interprets graphs	54.95
SCI711	Constructs models using materials from surroundings and explains their working	57.42
SCI801	Differentiates materials, organism and processes	63.10
SCI804	Relates processes and phenomenon with causes	60.85
SCI805	Explains processes and phenomenon	50.65
SCI807	Measures angles of incidence and reflection, etc.	61.77
SCI811	Applies learning of scientific concepts in day-to-day life	47.94
SCI813	Makes efforts to protect environment	83.66

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
216	14.96	314	21.75	572	39.61	342	23.68

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (42.59)

2 - Applies learning of scientific concepts in day-to-day life (47.94)

3 - Explains processes and phenomenon (50.65)

4 - Plots and interprets graphs (54.95)

5 - Constructs models using materials from surroundings and explains their working (57.42)

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

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