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

District Report Card: 2017	
State: Karnataka	**District:** Tumakuru
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1445

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	736	50.93	709	49.07

AREA	Rural		Urban	
	Number	%	Number	%
	1039	71.90	406	28.10

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	320	22.15	103	7.13	935	64.71	87	6.02

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	3	0	2	4	94

Management	Government		Government-aided	
	Number	%	Number	%
	632	43.74	813	56.26

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
51.88	**51.29**	**52.50**	**51.59**	**52.61**	**47.65**	**55.17**	**50.21**	**51.52**	**52.81**	**48.43**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	56.29
SCI704	Conducts simple investigation to seek answers to queries	35.83
SCI705	Relates processes and phenomenon with causes	50.69
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	53.36
SCI710	Plots and interprets graphs	44.51
SCI711	Constructs models using materials from surroundings and explains their working	51.55
SCI801	Differentiates materials, organism and processes	64.85
SCI804	Relates processes and phenomenon with causes	56.34
SCI805	Explains processes and phenomenon	43.99
SCI807	Measures angles of incidence and reflection, etc.	47.54
SCI811	Applies learning of scientific concepts in day-to-day life	44.52
SCI813	Makes efforts to protect environment	80.55

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
280	19.38	382	26.44	573	39.65	210	14.53

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (35.83)

2 - Explains processes and phenomenon (43.99)

3 - Plots and interprets graphs (44.51)

4 - Applies learning of scientific concepts in day-to-day life (44.52)

5 - Measures angles of incidence and reflection, etc. (47.54)

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

2