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

District Report Card: 2017	
State: Karnataka	**District:** Uttara Kannada Sirsi
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1401

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	677	48.32	724	51.68

AREA	Rural		Urban	
	Number	%	Number	%
	791	56.46	610	43.54

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	163	11.63	54	3.85	1107	79.01	77	5.50

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

Management	Government		Government-aided	
	Number	%	Number	%
	892	63.67	509	36.33

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
47.85	45.41	50.14	48.74	46.70	49.39	45.15	41.39	42.72	49.00	48.57

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	51.50
SCI704	Conducts simple investigation to seek answers to queries	27.54
SCI705	Relates processes and phenomenon with causes	49.67
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	51.32
SCI710	Plots and interprets graphs	52.73
SCI711	Constructs models using materials from surroundings and explains their working	37.36
SCI801	Differentiates materials, organism and processes	59.83
SCI804	Relates processes and phenomenon with causes	45.98
SCI805	Explains processes and phenomenon	37.84
SCI807	Measures angles of incidence and reflection, etc.	45.32
SCI811	Applies learning of scientific concepts in day-to-day life	41.41
SCI813	Makes efforts to protect environment	80.30

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
307	21.91	469	33.48	483	34.48	142	10.14

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (27.54)

2 - Constructs models using materials from surroundings and explains their working (37.36)

3 - Explains processes and phenomenon (37.84)

4 - Applies learning of scientific concepts in day-to-day life (41.41)

5 - Measures angles of incidence and reflection, etc. (45.32)

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

2