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

District Report Card: 2017	
State: Karnataka	**District:** Kalaburgi
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1313

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	724	55.14	589	44.86

AREA	Rural		Urban	
	Number	%	Number	%
	1021	77.76	292	22.24

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	364	27.72	30	2.28	829	63.14	90	6.85

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

Management	Government		Government-aided	
	Number	%	Number	%
	1050	79.97	263	20.03

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
46.20	46.45	45.90	47.91	40.21	48.76	35.97	42.67	41.78	48.03	45.04

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	46.92
SCI704	Conducts simple investigation to seek answers to queries	32.37
SCI705	Relates processes and phenomenon with causes	45.95
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	56.74
SCI710	Plots and interprets graphs	48.77
SCI711	Constructs models using materials from surroundings and explains their working	48.16
SCI801	Differentiates materials, organism and processes	52.43
SCI804	Relates processes and phenomenon with causes	58.28
SCI805	Explains processes and phenomenon	39.31
SCI807	Measures angles of incidence and reflection, etc.	43.95
SCI811	Applies learning of scientific concepts in day-to-day life	38.14
SCI813	Makes efforts to protect environment	67.94

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
360	27.42	404	30.77	400	30.46	149	11.35

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (32.37)

2 - Applies learning of scientific concepts in day-to-day life (38.14)

3 - Explains processes and phenomenon (39.31)

4 - Measures angles of incidence and reflection, etc. (43.95)

5 - Relates processes and phenomenon with causes (45.95)

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

2