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

District Report Card: 2017	
State: Karnataka	**District:** Belagavi
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1403

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	740	52.74	663	47.26

AREA	Rural		Urban	
	Number	%	Number	%
	984	70.14	419	29.86

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	132	9.41	190	13.54	809	57.66	272	19.39

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

Management	Government		Government-aided	
	Number	%	Number	%
	581	41.41	822	58.59

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
59.94	59.44	60.50	61.31	56.74	61.24	59.03	58.79	59.05	60.19	60.39

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	63.21
SCI704	Conducts simple investigation to seek answers to queries	29.04
SCI705	Relates processes and phenomenon with causes	55.46
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	82.18
SCI710	Plots and interprets graphs	62.91
SCI711	Constructs models using materials from surroundings and explains their working	69.25
SCI801	Differentiates materials, organism and processes	68.06
SCI804	Relates processes and phenomenon with causes	68.12
SCI805	Explains processes and phenomenon	47.64
SCI807	Measures angles of incidence and reflection, etc.	62.01
SCI811	Applies learning of scientific concepts in day-to-day life	55.41
SCI813	Makes efforts to protect environment	86.60

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
115	8.20	284	20.24	742	52.89	262	18.67

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (29.04)

2 - Explains processes and phenomenon (47.64)

3 - Applies learning of scientific concepts in day-to-day life (55.41)

4 - Relates processes and phenomenon with causes (55.46)

5 - Measures angles of incidence and reflection, etc. (62.01)

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

2