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

District Report Card: 2017	
State: Karnataka	**District:** Bagalkot
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1451

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	765	52.72	686	47.28

AREA	Rural		Urban	
	Number	%	Number	%
	940	64.78	511	35.22

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	325	22.40	61	4.20	1036	71.40	29	2.00

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

Management	Government		Government-aided	
	Number	%	Number	%
	950	65.47	501	34.53

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
62.74	61.93	63.65	64.30	59.87	62.88	62.48	60.62	73.33	63.10	51.49

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	63.38
SCI704	Conducts simple investigation to seek answers to queries	40.42
SCI705	Relates processes and phenomenon with causes	63.43
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	76.77
SCI710	Plots and interprets graphs	69.03
SCI711	Constructs models using materials from surroundings and explains their working	62.78
SCI801	Differentiates materials, organism and processes	69.15
SCI804	Relates processes and phenomenon with causes	70.28
SCI805	Explains processes and phenomenon	56.14
SCI807	Measures angles of incidence and reflection, etc.	64.65
SCI811	Applies learning of scientific concepts in day-to-day life	55.87
SCI813	Makes efforts to protect environment	85.94

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
141	9.72	242	16.68	627	43.21	441	30.39

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (40.42)

2 - Applies learning of scientific concepts in day-to-day life (55.87)

3 - Explains processes and phenomenon (56.14)

4 - Constructs models using materials from surroundings and explains their working (62.78)

5 - Classifies materials and organisms based on properties/characteristics (63.38)

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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