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

District Report Card: 2017	
State: Karnataka	**District:** Chikkaballapura
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1420

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	792	55.77	628	44.23

AREA	Rural		Urban	
	Number	%	Number	%
	999	70.35	421	29.65

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	570	40.14	243	17.11	570	40.14	37	2.61

CWSN	LD	VI	HI	S&LD	ID	Oth
	6	0	3	0	1	6

Management	Government		Government-aided	
	Number	%	Number	%
	989	69.65	431	30.35

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
42.32	**40.89**	**44.12**	**47.09**	**30.99**	**44.93**	**36.33**	**43.27**	**44.99**	**40.32**	**40.90**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	45.49
SCI704	Conducts simple investigation to seek answers to queries	25.55
SCI705	Relates processes and phenomenon with causes	41.68
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	45.28
SCI710	Plots and interprets graphs	38.80
SCI711	Constructs models using materials from surroundings and explains their working	41.31
SCI801	Differentiates materials, organism and processes	50.77
SCI804	Relates processes and phenomenon with causes	46.18
SCI805	Explains processes and phenomenon	38.61
SCI807	Measures angles of incidence and reflection, etc.	38.10
SCI811	Applies learning of scientific concepts in day-to-day life	38.09
SCI813	Makes efforts to protect environment	64.15

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
497	35.00	384	27.04	405	28.52	134	9.44

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (25.55)

2 - Applies learning of scientific concepts in day-to-day life (38.09)

3 - Measures angles of incidence and reflection, etc. (38.10)

4 - Explains processes and phenomenon (38.61)

5 - Plots and interprets graphs (38.80)

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