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

District Report Card: 2017	
State: Karnataka	**District:** Raichur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1432

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	661	46.16	771	53.84

AREA	Rural		Urban	
	Number	%	Number	%
	1060	74.02	372	25.98

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	321	22.42	311	21.72	777	54.26	23	1.61

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

Management	Government		Government-aided	
	Number	%	Number	%
	1372	95.81	60	4.19

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
59.14	57.93	60.17	58.14	61.97	58.74	68.33	59.13	55.07	60.97	52.46

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	61.48
SCI704	Conducts simple investigation to seek answers to queries	40.25
SCI705	Relates processes and phenomenon with causes	61.94
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	67.74
SCI710	Plots and interprets graphs	55.94
SCI711	Constructs models using materials from surroundings and explains their working	67.13
SCI801	Differentiates materials, organism and processes	63.35
SCI804	Relates processes and phenomenon with causes	68.67
SCI805	Explains processes and phenomenon	53.42
SCI807	Measures angles of incidence and reflection, etc.	60.41
SCI811	Applies learning of scientific concepts in day-to-day life	49.87
SCI813	Makes efforts to protect environment	86.10

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
173	12.08	289	20.18	635	44.34	335	23.39

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (40.25)

2 - Applies learning of scientific concepts in day-to-day life (49.87)

3 - Explains processes and phenomenon (53.42)

4 - Plots and interprets graphs (55.94)

5 - Measures angles of incidence and reflection, etc. (60.41)

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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