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

District Report Card: 2017	
State: Karnataka	**District:** Ramanagara
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1396

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	742	53.15	654	46.85

AREA	Rural		Urban	
	Number	%	Number	%
	947	67.84	449	32.16

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	371	26.58	59	4.23	905	64.83	61	4.37

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

Management	Government		Government-aided	
	Number	%	Number	%
	832	59.60	564	40.40

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
52.94	51.32	54.78	55.06	48.48	52.35	53.82	52.00	44.97	54.45	44.04

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	54.97
SCI704	Conducts simple investigation to seek answers to queries	31.58
SCI705	Relates processes and phenomenon with causes	50.14
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	60.89
SCI710	Plots and interprets graphs	54.74
SCI711	Constructs models using materials from surroundings and explains their working	50.14
SCI801	Differentiates materials, organism and processes	63.77
SCI804	Relates processes and phenomenon with causes	58.62
SCI805	Explains processes and phenomenon	48.19
SCI807	Measures angles of incidence and reflection, etc.	54.15
SCI811	Applies learning of scientific concepts in day-to-day life	46.71
SCI813	Makes efforts to protect environment	75.79

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
235	16.83	350	25.07	605	43.34	206	14.76

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (31.58)

2 - Applies learning of scientific concepts in day-to-day life (46.71)

3 - Explains processes and phenomenon (48.19)

4 - Constructs models using materials from surroundings and explains their working (50.14)

5 - Relates processes and phenomenon with causes (50.14)

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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