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

Government of India
MHRD

NCERT

District Report Card: 2017	
State: Karnataka	**District:** Hassan
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1341

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	606	45.19	735	54.81

AREA	Rural		Urban	
	Number	%	Number	%
	953	71.07	388	28.93

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	400	29.83	46	3.43	858	63.98	37	2.76

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	5	0	0	0	0

Management	Government		Government-aided	
	Number	%	Number	%
	941	70.17	400	29.83

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
55.08	**52.81**	**56.96**	**57.97**	**47.99**	**52.98**	**60.03**	**55.25**	**56.67**	**55.17**	**49.19**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	58.91
SCI704	Conducts simple investigation to seek answers to queries	37.33
SCI705	Relates processes and phenomenon with causes	52.89
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	59.73
SCI710	Plots and interprets graphs	49.77
SCI711	Constructs models using materials from surroundings and explains their working	51.60
SCI801	Differentiates materials, organism and processes	65.08
SCI804	Relates processes and phenomenon with causes	63.01
SCI805	Explains processes and phenomenon	53.68
SCI807	Measures angles of incidence and reflection, etc.	52.80
SCI811	Applies learning of scientific concepts in day-to-day life	45.98
SCI813	Makes efforts to protect environment	82.92

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
251	18.72	334	24.91	415	30.95	341	25.43

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (37.33)

2 - Applies learning of scientific concepts in day-to-day life (45.98)

3 - Plots and interprets graphs (49.77)

4 - Constructs models using materials from surroundings and explains their working (51.60)

5 - Measures angles of incidence and reflection, etc. (52.80)

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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