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

District Report Card: 2017	
State: Kerala	**District:** Kollam
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1307

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	659	50.42	648	49.58

AREA	Rural		Urban	
	Number	%	Number	%
	953	72.92	354	27.08

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	209	15.99	20	1.53	737	56.39	341	26.09

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	3	0	0	8	2

Management	Government		Government-aided	
	Number	%	Number	%
	473	36.19	834	63.81

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
50.59	**51.99**	**49.17**	**51.72**	**47.55**	**52.30**	**49.62**	**48.29**	**37.33**	**50.53**	**52.90**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	56.64
SCI704	Conducts simple investigation to seek answers to queries	37.39
SCI705	Relates processes and phenomenon with causes	48.96
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	55.09
SCI710	Plots and interprets graphs	44.55
SCI711	Constructs models using materials from surroundings and explains their working	48.85
SCI801	Differentiates materials, organism and processes	63.09
SCI804	Relates processes and phenomenon with causes	50.08
SCI805	Explains processes and phenomenon	45.85
SCI807	Measures angles of incidence and reflection, etc.	53.33
SCI811	Applies learning of scientific concepts in day-to-day life	46.14
SCI813	Makes efforts to protect environment	54.02

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
241	18.44	422	32.29	457	34.97	187	14.31

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (37.39)

2 - Plots and interprets graphs (44.55)

3 - Explains processes and phenomenon (45.85)

4 - Applies learning of scientific concepts in day-to-day life (46.14)

5 - Constructs models using materials from surroundings and explains their working (48.85)

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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