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

District Report Card: 2017	
State: Kerala	**District:** Thrissur
Class: 8	**Subject:** Science
Schools: 40	**Students:** 1089

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	557	51.15	532	48.85

AREA	Rural		Urban	
	Number	%	Number	%
	812	74.56	277	25.44

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	136	12.49	5	0.46	624	57.30	324	29.75

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	6	5	0	4	3

Management	Government		Government-aided	
	Number	%	Number	%
	289	26.54	800	73.46

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
36.63	**36.85**	**36.40**	**36.42**	**37.26**	**35.76**	**36.95**	**35.25**	**42.67**	**36.87**	**36.67**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.03
SCI704	Conducts simple investigation to seek answers to queries	26.06
SCI705	Relates processes and phenomenon with causes	41.28
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	36.00
SCI710	Plots and interprets graphs	25.77
SCI711	Constructs models using materials from surroundings and explains their working	38.20
SCI801	Differentiates materials, organism and processes	49.07
SCI804	Relates processes and phenomenon with causes	28.65
SCI805	Explains processes and phenomenon	23.66
SCI807	Measures angles of incidence and reflection, etc.	49.22
SCI811	Applies learning of scientific concepts in day-to-day life	30.06
SCI813	Makes efforts to protect environment	58.22

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
414	38.02	466	42.79	191	17.54	18	1.65

Lowest Performing Learning Outcomes (LOs)

1 - Explains processes and phenomenon (23.66)

2 - Plots and interprets graphs (25.77)

3 - Conducts simple investigation to seek answers to queries (26.06)

4 - Relates processes and phenomenon with causes (28.65)

5 - Applies learning of scientific concepts in day-to-day life (30.06)

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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