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

District Report Card: 2017	
State: Kerala	**District:** Kozhikode
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1333

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	651	48.84	682	51.16

AREA	Rural		Urban	
	Number	%	Number	%
	956	71.72	377	28.28

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	74	5.55	5	0.38	1106	82.97	148	11.10

CWSN	LD	VI	HI	S&LD	ID	Oth
	6	0	1	0	8	8

Management	Government		Government-aided	
	Number	%	Number	%
	585	43.89	748	56.11

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
42.80	**41.76**	**43.78**	**43.32**	**41.47**	**41.87**	**43.52**	**43.60**	**30.67**	**42.58**	**44.41**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.11
SCI704	Conducts simple investigation to seek answers to queries	36.24
SCI705	Relates processes and phenomenon with causes	38.87
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	38.56
SCI710	Plots and interprets graphs	29.93
SCI711	Constructs models using materials from surroundings and explains their working	36.50
SCI801	Differentiates materials, organism and processes	57.94
SCI804	Relates processes and phenomenon with causes	37.52
SCI805	Explains processes and phenomenon	33.11
SCI807	Measures angles of incidence and reflection, etc.	49.51
SCI811	Applies learning of scientific concepts in day-to-day life	37.29
SCI813	Makes efforts to protect environment	65.19

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
346	25.96	537	40.29	403	30.23	47	3.53

Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (29.93)

2 - Explains processes and phenomenon (33.11)

3 - Conducts simple investigation to seek answers to queries (36.24)

4 - Constructs models using materials from surroundings and explains their working (36.50)

5 - Applies learning of scientific concepts in day-to-day life (37.29)

CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.