NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING

NATIONAL ACHIEVEMENT SURVEY - NAS

(Survey of Learning Outcomes)

District Report Card: 2017	
State: Karnataka	**District:** Dakshina Kannada
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1349

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	771	57.15	578	42.85

AREA	Rural		Urban	
	Number	%	Number	%
	932	69.09	417	30.91

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	177	13.12	75	5.56	1071	79.39	26	1.93

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

Management	Government		Government-aided	
	Number	%	Number	%
	685	50.78	664	49.22

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.83	40.09	41.81	42.55	36.96	40.85	40.80	36.53	38.76	41.79	36.41

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	46.02
SCI704	Conducts simple investigation to seek answers to queries	23.15
SCI705	Relates processes and phenomenon with causes	41.41
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	34.17
SCI710	Plots and interprets graphs	46.13
SCI711	Constructs models using materials from surroundings and explains their working	30.51
SCI801	Differentiates materials, organism and processes	44.49
SCI804	Relates processes and phenomenon with causes	44.35
SCI805	Explains processes and phenomenon	36.57
SCI807	Measures angles of incidence and reflection, etc.	38.25
SCI811	Applies learning of scientific concepts in day-to-day life	35.18
SCI813	Makes efforts to protect environment	81.91

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
406	30.10	550	40.77	344	25.50	49	3.63

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (23.15)

2 - Constructs models using materials from surroundings and explains their working (30.51)

3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (34.17)

4 - Applies learning of scientific concepts in day-to-day life (35.18)

5 - Explains processes and phenomenon (36.57)

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