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

District Report Card: 2017	
State: Andhra Pradesh	**District:** Anantapur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1289

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	592	45.93	697	54.07

AREA	Rural		Urban	
	Number	%	Number	%
	1031	79.98	258	20.02

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	226	17.53	57	4.42	904	70.13	102	7.91

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	15	8	2	4	59

Management	Government		Government-aided	
	Number	%	Number	%
	1230	95.42	59	4.58

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
46.41	48.05	45.02	45.87	48.58	47.24	29.15	45.01	44.33	46.60	49.02

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	48.86
SCI704	Conducts simple investigation to seek answers to queries	31.17
SCI705	Relates processes and phenomenon with causes	44.51
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	52.29
SCI710	Plots and interprets graphs	37.99
SCI711	Constructs models using materials from surroundings and explains their working	40.66
SCI801	Differentiates materials, organism and processes	53.88
SCI804	Relates processes and phenomenon with causes	51.18
SCI805	Explains processes and phenomenon	41.52
SCI807	Measures angles of incidence and reflection, etc.	43.60
SCI811	Applies learning of scientific concepts in day-to-day life	51.25
SCI813	Makes efforts to protect environment	50.50

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
397	30.80	384	29.79	290	22.50	218	16.91

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (31.17)

2 - Plots and interprets graphs (37.99)

3 - Constructs models using materials from surroundings and explains their working (40.66)

4 - Explains processes and phenomenon (41.52)

5 - Measures angles of incidence and reflection, etc. (43.60)

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

2