विद्यया ऽ मृतमश्नुते
एन सी ई आर टी
NCERT

सत्यमेव जयते

सर्व शिक्षा अभियान
सब पढ़ें सब बढ़ें

NAS 2017

NATIONAL ACHIEVEMENT SURVEY

Class : 3, 5 and 8

District Report
NALGONDA, TELANGANA

The National Achievement Survey (NAS) conducted throughout the country on November 13, 2017 for Classes 3, 5 and 8 in government and government aided schools. The survey tools used multiple test booklets with 45 questions in Classes III and V and 60 questions in Class VIII in Mathematics, Language, Sciences and Social Sciences. The competency based test questions developed reflected the Learning Outcomes developed by the NCERT which were recently incorporated in the RTE Act by the Government of India. Along with the test items, questionnaires pertaining to students, teachers and schools were also used.

The learning levels of 2.2 million students from 1,10,000 schools across 701 districts in all 36 States/UTs were assessed of which 2950 students and 167 schools are from Nalgonda district. The findings of the survey, will help to guide education policy, planning and implementation at national, state, district and classroom levels for improving learning levels of children and bringing about qualitative improvements.

विद्यया ऽ मृतमश्नुते
एन सी ई आर टी
NCERT

EDUCATIONAL SURVEY DIVISION
राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद्
National Council of Educational Research and Training
Sri Aurobindo Marg, New Delhi - 110016

unicef
for every child

District Report Card of Adilabad district is developed by SCERT, Telangana from the data of NAS, 2017 conducted by NCERT.

NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING

NATIONAL ACHIEVEMENT SURVEY - NAS

(Survey of Learning Outcomes)

District Report Card: 2017	
State: Telangana	**District:** Nalgonda
Class: 3	**Subject:** EVS
Schools: 58	**Students:** 776

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	350	45.10	426	54.90

AREA	Rural		Urban	
	Number	%	Number	%
	605	77.96	171	22.04

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	193	24.87	139	17.91	428	55.15	16	2.06

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

Management	Government		Government-aided	
	Number	%	Number	%
	646	83.25	130	16.75

Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
70.85	72.57	69.44	70.83	70.92	71.53	67.49	71.19	71.41	70.93	59.58

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
E302	Identifies simple features (e.g. movement, at places found/ kept, eating habits, sounds) of animals and birds in the immediate surroundings.	56.70
E303	Identifies relationships with and among family members	42.57
E304	Identifies objects, signs (vessels, stoves, transport, means of communication, transport, signboards etc.), places (types of houses/shelters, bus stand, petrol pump etc.) activities (works people do, cooking processes, etc.) at home/school/neighborhoods	71.81
E305	Describes need of food for people of different age groups, animals/birds, availability of food and water and use of water at home and surroundings	79.51
E307	Groups objects, birds, animals, features, activities according to differences/similarities using different senses. (e.g. appearance/place of living/ food/ movement/ likes-dislikes/ any other features)	76.75
E309	Identifies directions, location of objects/places in simple maps using signs/symbols/verbally	65.17
E310	Guesses properties, estimates quantities of materials/activities in daily life and verifies using symbols/non-standard units	71.26
E311	Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc.	63.79
E313	Observes rules in games (local, indoor, outdoor)	47.61
E314	Voices opinion on good/bad touch , stereotypes for tasks/play/food in family w.r.t gender, misuse/wastage of food and water in family and school.	81.57

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
39	5.03	106	13.66	252	32.47	379	48.84

Lowest Performing Learning Outcomes (LOs)

1 - Identifies relationships with and among family members (42.57)

2 - Observes rules in games (local, indoor, outdoor) (47.61)

3 - Identifies simple features (e.g. movement, at places found/ kept, eating habits, sounds) of animals and birds in the immediate surroundings. (56.70)

4 - Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc. (63.79)

5 - Identifies directions, location of objects/places in simple maps using signs/symbols/verbally (65.17)

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

NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING

NATIONAL ACHIEVEMENT SURVEY - NAS

(Survey of Learning Outcomes)

District Report Card: 2017	
State: Telangana	**District:** Nalgonda
Class: 3	**Subject:** Language
Schools: 58	**Students:** 776

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	350	45.10	426	54.90

AREA	Rural		Urban	
	Number	%	Number	%
	605	77.96	171	22.04

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	193	24.87	139	17.91	428	55.15	16	2.06

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

Management	Government		Government-aided	
	Number	%	Number	%
	646	83.25	130	16.75

Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
71.60	71.30	71.85	71.98	70.25	72.19	68.67	74.23	72.90	70.39	60.83

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
L304	Reads small texts with comprehension i.e., identifies main ideas, details, sequence and draws conclusions	72.41
L312	Reads printed scripts on the classroom walls: poems, posters, charts etc.	69.97

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
33	4.25	117	15.08	258	33.25	368	47.42

Lowest Performing Learning Outcomes (LOs)

1 - Reads printed scripts on the classroom walls: poems, posters, charts etc. (69.97)

2 - Reads small texts with comprehension i.e., identifies main ideas, details, sequence and draws conclusions (72.41)

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

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

District Report Card: 2017	
State: Telangana	**District:** Nalgonda
Class: 3	**Subject:** Mathematics
Schools: 58	**Students:** 776

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	350	45.10	426	54.90

AREA	Rural		Urban	
	Number	%	Number	%
	605	77.96	171	22.04

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	193	24.87	139	17.91	428	55.15	16	2.06

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

Management	Government		Government-aided	
	Number	%	Number	%
	646	83.25	130	16.75

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
71.44	74.10	69.26	70.91	73.33	70.82	74.56	70.43	66.09	73.68	70.42

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	69.53
M302	Compares numbers up to 999 based on their place values	83.76
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	69.60
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	69.07
M305	Analyses and applies an appropriate number operation in the situation/ context	71.26
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	72.29
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	83.21
M311	Fills a given region leaving no gaps using a tile of a given shape	55.41
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	42.07
M317	Reads the time correctly to the hour using a clock/watch	68.56
M318	Extends patterns in simple shapes and numbers	67.83
M319	Records data using tally marks, represents pictorially and draws conclusions	84.92

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
35	4.51	105	13.53	253	32.60	383	49.36

Lowest Performing Learning Outcomes (LOs)

1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (42.07)

2 - Fills a given region leaving no gaps using a tile of a given shape (55.41)

3 - Extends patterns in simple shapes and numbers (67.83)

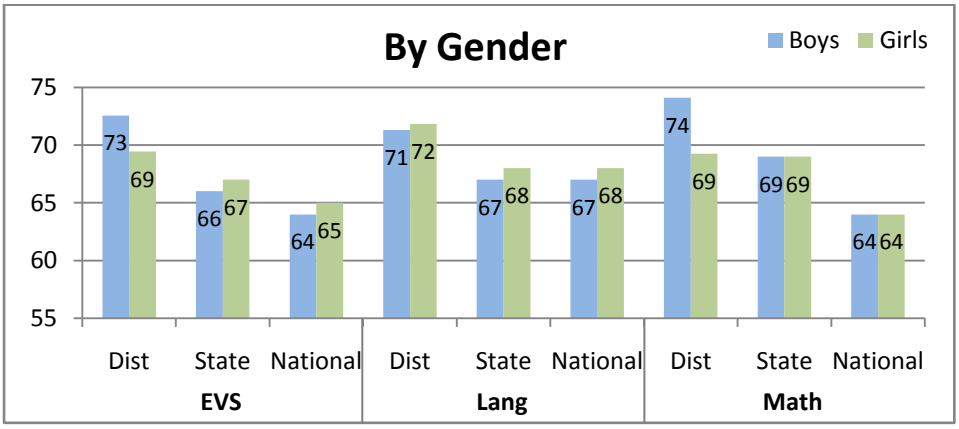
4 - Reads the time correctly to the hour using a clock/watch (68.56)

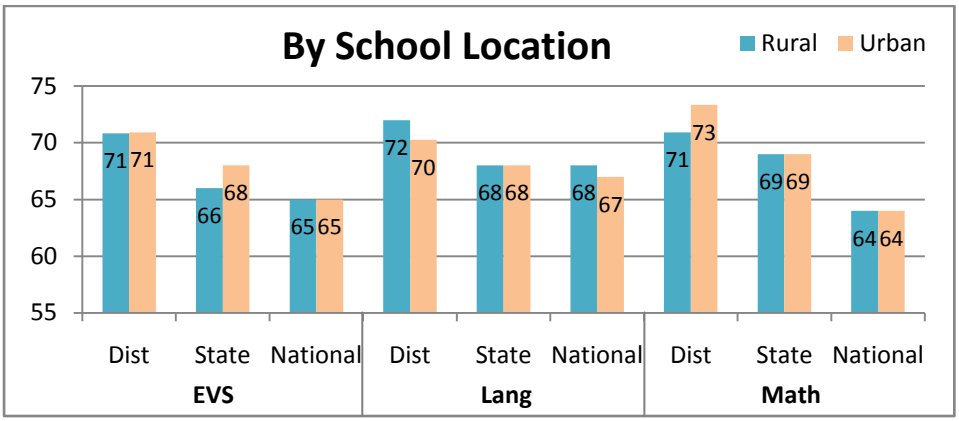
5 - Constructs and uses the multiplication facts (up till 10) in daily life situations (69.07)

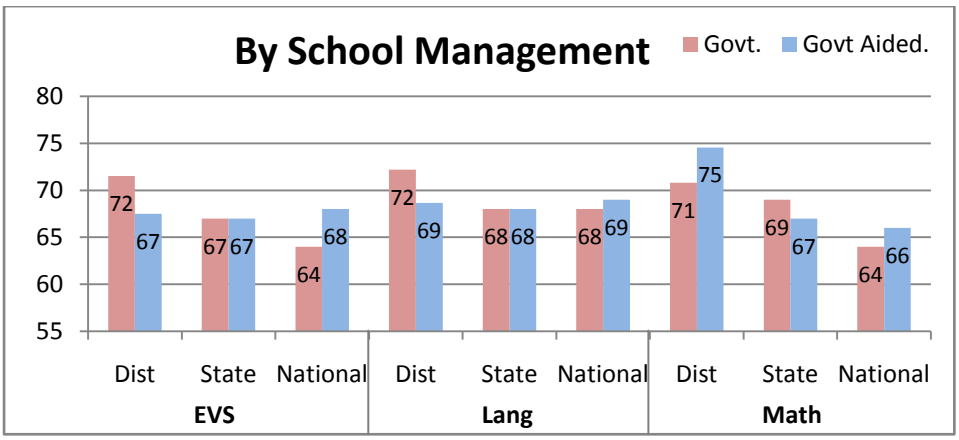
CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

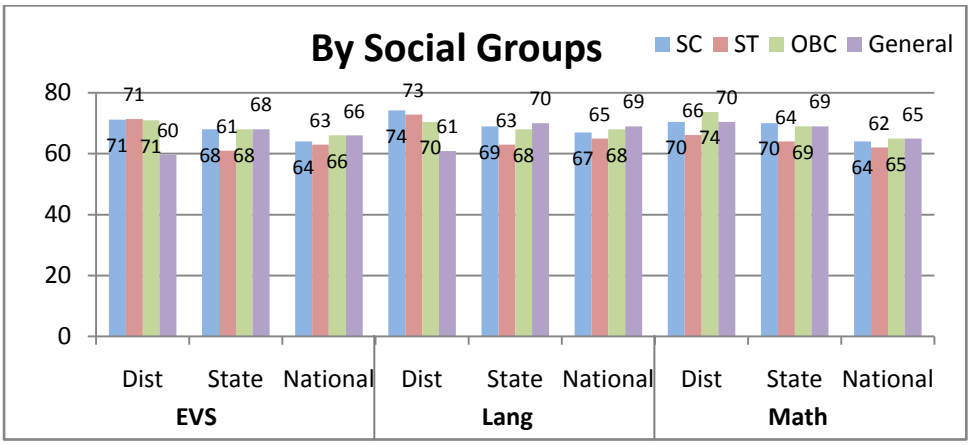
Class 3 District Results by Student Groups

Performance

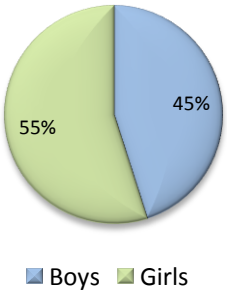


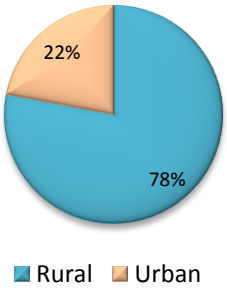


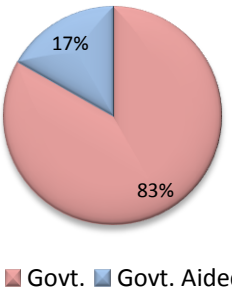


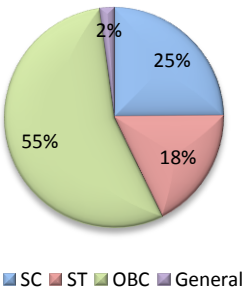


Participation









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

District Report Card: 2017	
State: Telangana	**District:** Nalgonda
Class: 5	**Subject:** EVS
Schools: 58	**Students:** 893

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	398	44.57	495	55.43

AREA	Rural		Urban	
	Number	%	Number	%
	642	71.89	251	28.11

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	271	30.35	205	22.96	385	43.11	32	3.58

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	9	1	5	1	4

Management	Government		Government-aided	
	Number	%	Number	%
	790	88.47	103	11.53

Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
50.18	50.84	49.66	53.86	40.77	51.77	37.99	50.18	45.89	53.25	40.83

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
E403	Identifies relationship with and among family members in extended family	52.46
E410	Records observations/experiences/information for objects, activities, phenomena, places visited in different ways and predicts patterns and activities/ phenomena	70.56
E501	Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc.	35.83
E503	Describes the interdependence among animals, plants and humans	46.70
E504	Explains the role and functions of different institutions in daily life (Bank, Panchayat, cooperatives, police station, etc.)	59.74
E505	Establishes linkages among terrain, climate, resources (food, water, shelter, livelihood) and cultural life. (e.g. life in distant/difficult areas like hot/cold deserts)	32.13
E506	Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc.	27.42
E507	Traces the changes in practices, customs, techniques of past and present through coins, paintings, monuments, museum etc. and interacting with elders	50.67
E508	Guesses (properties, conditions of phenomena), estimates spatial quantities (distance, area, volume, weight etc.) and time in simple standard units and verifies using simple tools/set ups	44.20
E509	Records observations/experiences/information in an organized manner (e.g. in tables/ sketches/ bar graphs/ pie charts) and predicts patterns in activities/phenomena (e.g. floating, sinking, mixing, evaporation , germination , spoilage) to establish relation between cause and effect.	52.22
E510	Identifies signs, directions, location of different objects/landmarks of a locality /place visited in maps and predicts directions w.r.t. positions at different places for a location	58.26
E512	Voices opinions on issues observed/experienced and relates practices /happenings to larger issues of society	48.99
E513	Suggests ways for hygiene, health, managing waste, disaster/emergency situations and protecting/saving resources	58.09

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
203	22.73	256	28.67	312	34.94	122	13.66

Lowest Performing Learning Outcomes (LOs)

1 - Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc. (27.42)

2 - Establishes linkages among terrain, climate, resources (food, water, shelter, livelihood) and cultural life. (e.g. life in distant/difficult areas like hot/cold deserts) (32.13)

3 - Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc. (35.83)

4 - Guesses (properties, conditions of phenomena), estimates spatial quantities (distance, area, volume, weight etc.) and time in simple standard units and verifies using simple tools/set ups (44.20)

5 - Describes the interdependence among animals, plants and humans (46.70)

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

NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING

NATIONAL ACHIEVEMENT SURVEY - NAS

(Survey of Learning Outcomes)

District Report Card: 2017	
State: Telangana	**District:** Nalgonda
Class: 5	**Subject:** Language
Schools: 58	**Students:** 893

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	398	44.57	495	55.43

AREA	Rural		Urban	
	Number	%	Number	%
	642	71.89	251	28.11

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	271	30.35	205	22.96	385	43.11	32	3.58

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	9	1	5	1	4

Management	Government		Government-aided	
	Number	%	Number	%
	790	88.47	103	11.53

Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
55.31	54.56	55.92	57.09	50.76	56.24	48.22	57.44	48.20	57.87	52.08

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
L504	Reads and comprehends independently storybooks, news items/ headlines, advertisements etc.	53.89
L508	Reads text with comprehension, locates details and sequence of events	56.02

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
138	15.45	235	26.32	341	38.19	179	20.04

Lowest Performing Learning Outcomes (LOs)

1 - Reads and comprehends independently storybooks, news items/ headlines, advertisements etc. (53.89)

2 - Reads text with comprehension, locates details and sequence of events (56.02)

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

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

District Report Card: 2017	
State: Telangana	**District:** Nalgonda
Class: 5	**Subject:** Mathematics
Schools: 58	**Students:** 893

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	398	44.57	495	55.43

AREA	Rural		Urban	
	Number	%	Number	%
	642	71.89	251	28.11

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	271	30.35	205	22.96	385	43.11	32	3.58

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	9	1	5	1	4

Management	Government		Government-aided	
	Number	%	Number	%
	790	88.47	103	11.53

Average Performance of Students in Mathematics (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
56.82	**56.88**	**56.77**	**61.21**	**45.58**	**58.36**	**44.98**	**57.22**	**52.55**	**59.32**	**50.63**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	55.43
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	42.47
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	67.71
M421	Represent the collected information in tables and bar graphs and draws inferences from these	66.74
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	61.48
M504	Estimates sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation	53.35
M505	Finds the number corresponding to part of a collection	54.06
M506	Identifies and forms equivalent fractions of a given fraction	53.30
M508	Converts fractions into decimals and vice versa	58.65
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	59.21
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	56.25
M513	Estimates the volume of a solid body in known units.	42.47
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	53.16
M515	Identifies the pattern in triangular numbers and square number	51.51
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	65.63

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
121	13.55	224	25.08	350	39.19	198	22.17

Lowest Performing Learning Outcomes (LOs)

1 - Estimates the volume of a solid body in known units. (42.47)

2 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (42.47)

3 - Identifies the pattern in triangular numbers and square number (51.51)

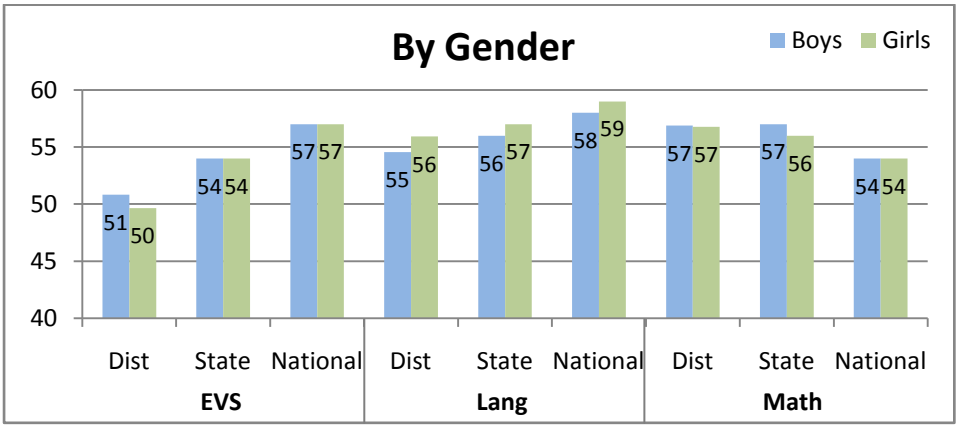
4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (53.16)

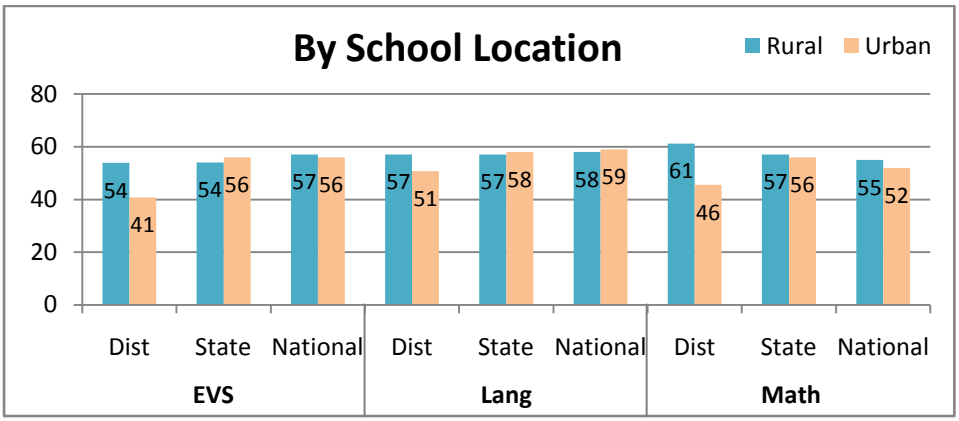
5 - Identifies and forms equivalent fractions of a given fraction (53.30)

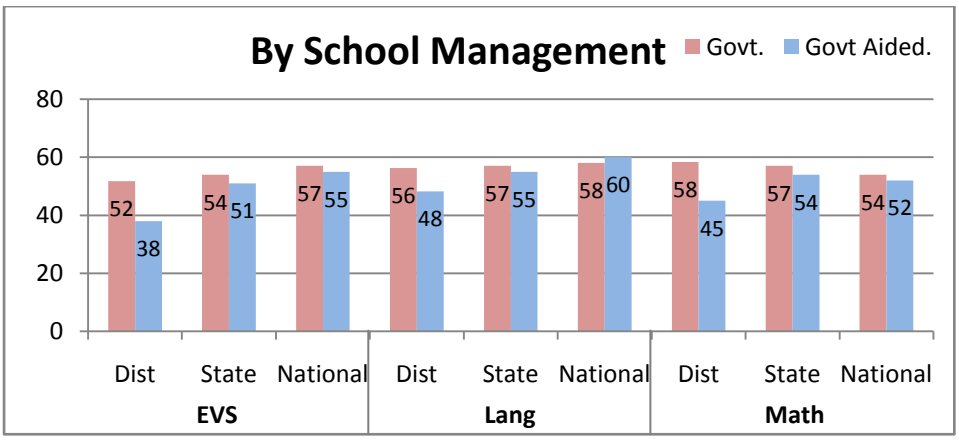
CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

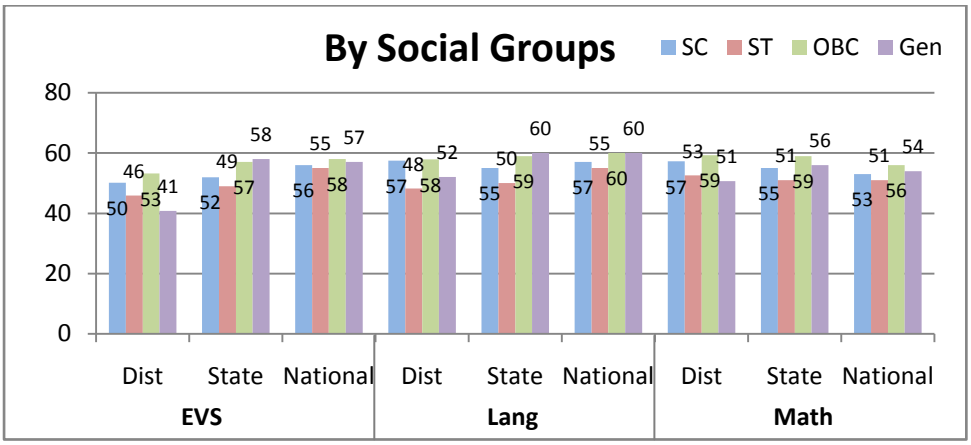
Class 5 District Results by Student Groups

Performance

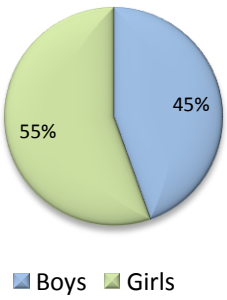


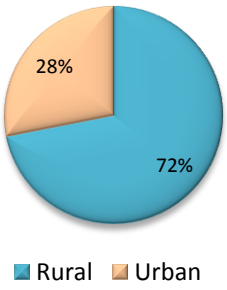


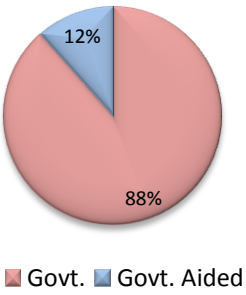


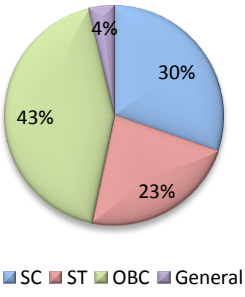


Participation









Government of India
MHRD

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

विद्यया ऽमृतमश्नुते
एन सी ई आर टी
NCERT

District Report Card: 2017	
State: Telangana	**District:** NALGONDA
Class: 8	**Subject:** Language
Schools: 51	**Students:** 1281

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	458	35.75	823	64.25

AREA	Rural		Urban	
	Number	%	Number	%
	957	74.71	324	25.29

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	298	23.26	272	21.23	659	51.44	52	4.06

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	2	0	0	1	109

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1220	95.24	61	4.76

Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
49.60	47.93	50.53	48.34	53.33	48.50	71.58	49.13	49.75	49.05	58.46

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
L813	Read textual/non-textual materials with comprehension and identifies the details, characters, main idea and sequence of ideas and events while reading	49.60

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
266	20.77	396	30.91	466	36.38	153	11.94

Lowest Performing Learning Outcomes (LOs)

1 - Read textual/non-textual materials with comprehension and identifies the details, characters, main idea and sequence of ideas and events while reading (49.60)

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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विद्यया ऽमृतमश्नुते
एन सी ई आर टी
NCERT

District Report Card: 2017	
State: Telangana	**District:** NALGONDA
Class: 8	**Subject:** Mathematics
Schools: 51	**Students:** 1281

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	458	35.75	823	64.25

AREA	Rural		Urban	
	Number	%	Number	%
	957	74.71	324	25.29

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	298	23.26	272	21.23	659	51.44	52	4.06

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	2	0	0	1	109

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1220	95.24	61	4.76

Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.09	34.89	35.20	34.95	35.49	34.31	50.60	34.00	38.70	33.85	38.08

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	28.17
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	28.17
M620	Finds out the perimeter and area of rectangular objects in the surroundings like floor of the class room, surfaces of a chalk box etc.	33.18
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	34.21
M702	Interprets the division and multiplication of fractions	33.41
M705	Solves problems related to daily life situations involving rational numbers	36.38
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers.	27.09
M707	Adds/subracts algebraic expressions	33.80
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	18.90
M717	Finds out approximate area of closed shapes by using unit square grid/ graph sheet	33.59
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	47.81
M721	Interprets data using bar graph such as consumption of electricity is more in winters than summer	43.62
M801	Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns	27.56
M802	Finds rational numbers between two given rational numbers	35.43
M803	Proves divisibility rules of 2, 3,4, 5, 6, 9 and 11	41.80
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods.	27.72
M808	Use various algebric identities in solving problems of daily life.	51.18
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	29.27
M818	Finds surface area and volume of cuboidal and cylindrical object	33.23
M819	Draws and interprets bar charts and pie charts	42.08

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
581	45.36	457	35.68	216	16.86	27	2.11

Lowest Performing Learning Outcomes (LOs)

1. Solves problems related to conversion of percentage to fraction and decimal and vice versa (18.9)
2. Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers. (27.09)
3. Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns (27.56)
4. Finds squares, cubes, square roots and cube roots of numbers using different methods. (27.72)
5. Solves problems involving large numbers by applying appropriate operations (28.17)

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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विद्यया ऽमृतमश्नुते
एन सी ई आर टी
NCERT

District Report Card: 2017	
State: Telangana	**District:** NALGONDA
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1281

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	458	35.75	823	64.25

AREA	Rural		Urban	
	Number	%	Number	%
	957	74.71	324	25.29

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	298	23.26	272	21.23	659	51.44	52	4.06

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	2	0	0	1	109

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1220	95.24	61	4.76

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.80	35.62	35.90	36.49	33.77	35.23	47.10	34.23	38.73	35.12	38.08

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.25
SCI704	Conducts simple investigation to seek answers to queries	25.96
SCI705	Relates processes and phenomenon with causes	45.67
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	31.77
SCI710	Plots and interprets graphs	33.28
SCI711	Constructs models using materials from surroundings and explains their working	27.40
SCI801	Differentiates materials, organism and processes	34.76
SCI804	Relates processes and phenomenon with causes	43.19
SCI805	Explains processes and phenomenon	32.32
SCI807	Measures angles of incidence and reflection, etc.	34.11
SCI811	Applies learning of scientific concepts in day-to-day life	40.03
SCI813	Makes efforts to protect environment	48.87

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
543	42.39	477	37.24	220	17.17	41	3.20

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (25.96)
2. Constructs models using materials from surroundings and explains their working (27.4)
3. Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc (31.77)
4. Explains processes and phenomenon (32.32)
5. Plots and interprets graphs (33.28)

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

विद्यया ऽमृतमश्नुते
एन सी ई आर टी
NCERT

District Report Card: 2017	
State: Telangana	**District:** NALGONDA
Class: 8	**Subject:** Social Science
Schools: 51	**Students:** 1281

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	458	35.75	823	64.25

AREA	Rural		Urban	
	Number	%	Number	%
	957	74.71	324	25.29

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	298	23.26	272	21.23	659	51.44	52	4.06

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	2	0	0	1	109

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1220	95.24	61	4.76

Average Performance of Students in SST (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.14	36.26	37.63	37.39	36.40	36.91	41.75	35.19	40.78	36.74	34.36

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SST605	Identifies latitudes and longitudes, e.g., poles, equator, tropics, States/UTs of India and other neighbouring countries on globe and the world map	54.25
SST610	Locates important historical sites, places on an outline map of India	22.83
SST625	Describes the functioning of rural and urban local government bodies in sectors like health and education	32.44
SST703	Explains preventive actions to be undertaken in the event of disasters	29.90
SST704	Describes formation of landforms due to various factors	33.07
SST722	Explains the significance of equality in democracy	34.98
SST726	Describes the process of election to the legislative assembly	45.20
SST731	Explains the functioning of media with appropriate examples from newspapers.	41.64
SST733	Differentiates between different kinds of markets	43.94
SST734	Traces how goods travel through various market places.	37.77
SST802	Describes major crops, types of farming and agricultural practices in her/his own area/state	58.08
SST805	Locates distribution of important minerals e.g. coal and mineral oil on the world map	39.01
SST807	Justifies judicious use of natural resources	42.20
SST809	Draws interrelationship between types of farming and development in different regions of the world	30.50
SST810	Distinguishes the modern period from the medieval and the ancient periods through the use of sources	44.43
SST815	Explains the origin, nature and spread of the revolt of 1857 and the lessons learned from it	33.54
SST816	Analyses the decline of pre-existing urban centers and handicraft industries and the development of new urban centers and industries in India during the colonial period	31.30
SST818	Analyses the issues related to caste, women, widow remarriage, child marriage, social reforms and the laws and policies of colonial administration towards these issues	27.40
SST823	Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation	26.15
SST827	Describes the process of making a law. (e.g. Domestic Violence Act, RTI Act, RTE Act)	32.60
SST831	Identifies the role of Government in providing public facilities such as water, sanitation, road, electricity etc., and recognizes their availability	29.16
SST833	Draws bar diagram to show population of different countries/India/states	53.87

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
542	42.31	437	34.11	237	18.50	65	5.07

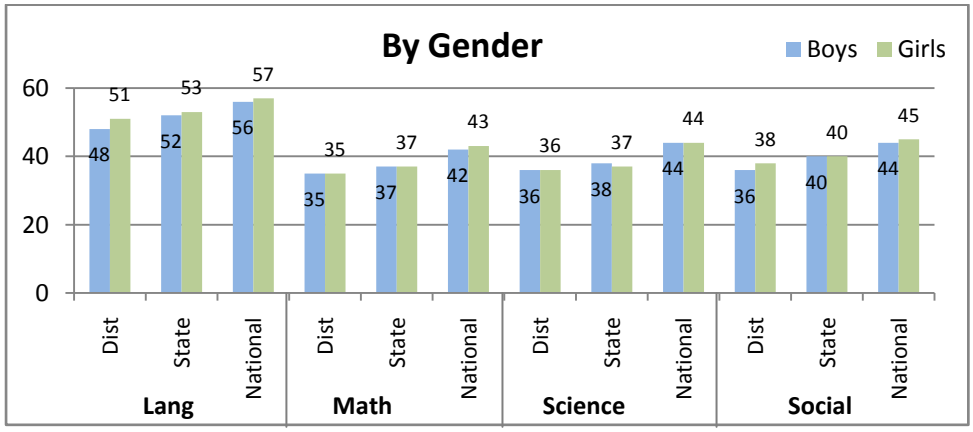
Lowest Performing Learning Outcomes (LOs)

1. Locates important historical sites, places on an outline map of India (22.83)
2. Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation (26.15)
3. Analyses the issues related to caste, women, widow remarriage, child marriage, social reforms and the laws and policies of colonial administration towards these issues (27.4)
4. Identifies the role of Government in providing public facilities such as water, sanitation, road, electricity etc., and recognizes their availability (29.16)
5. Explains preventive actions to be undertaken in the event of disasters (29.9)

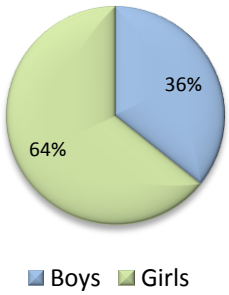
CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

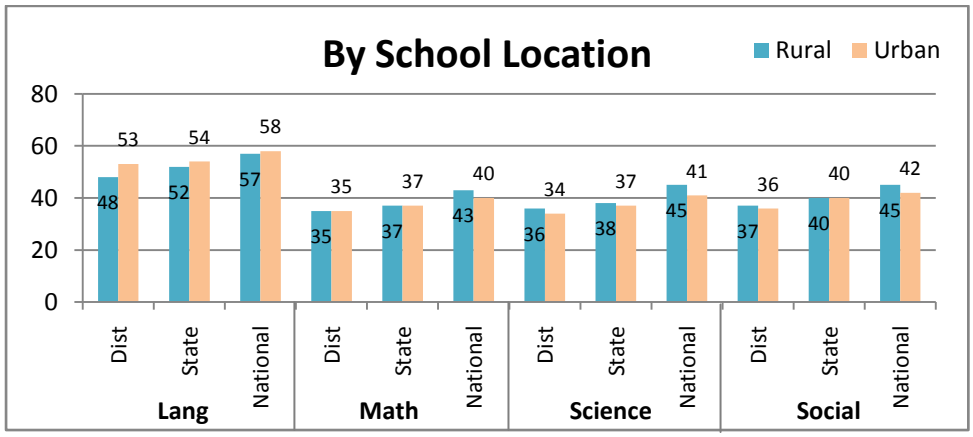
Class 8 District Results by Student Groups

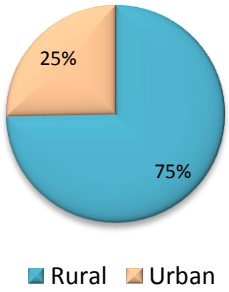
Performance

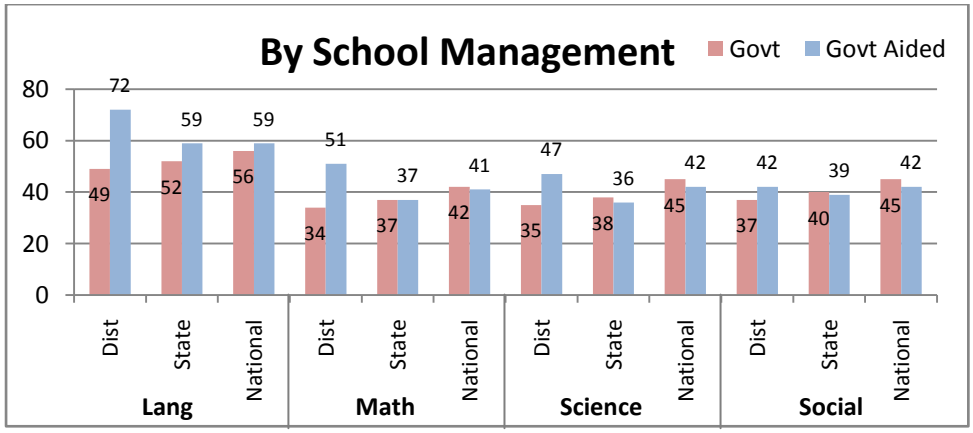


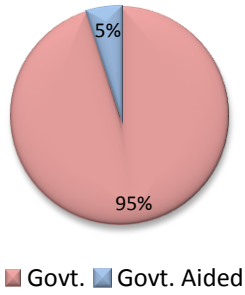
Participation

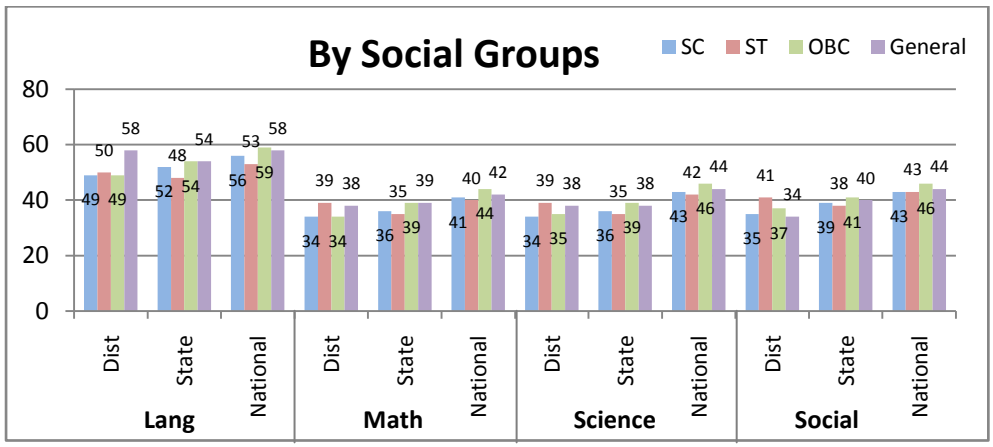


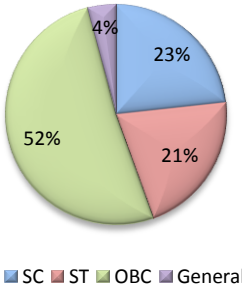




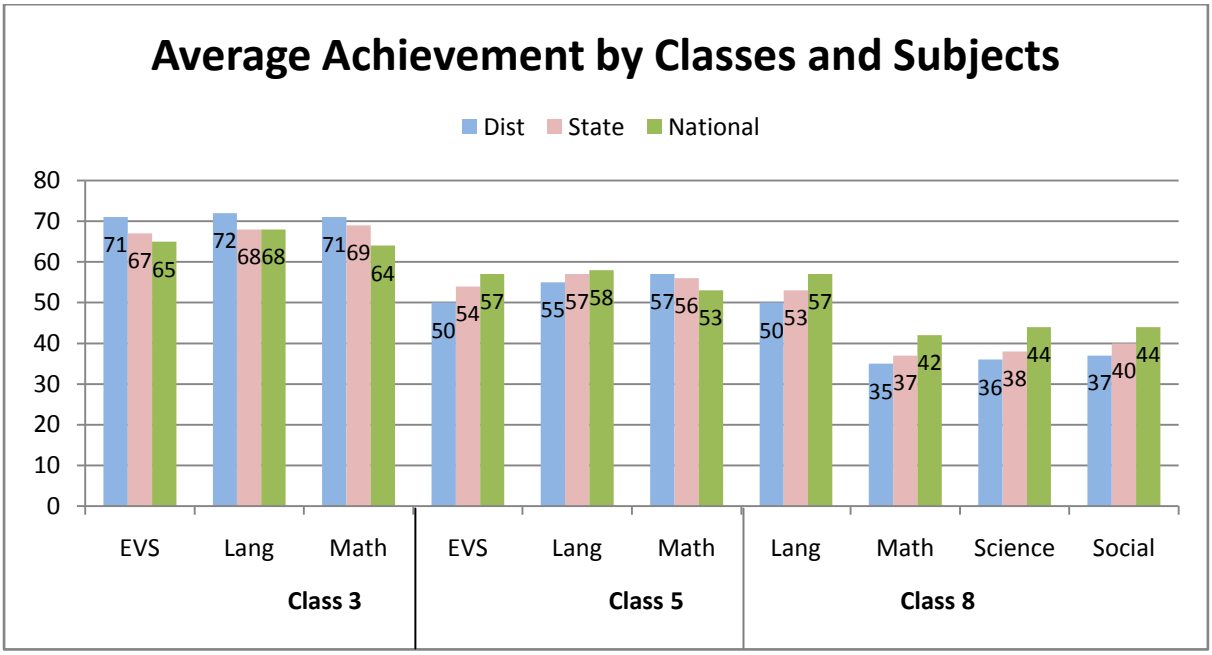


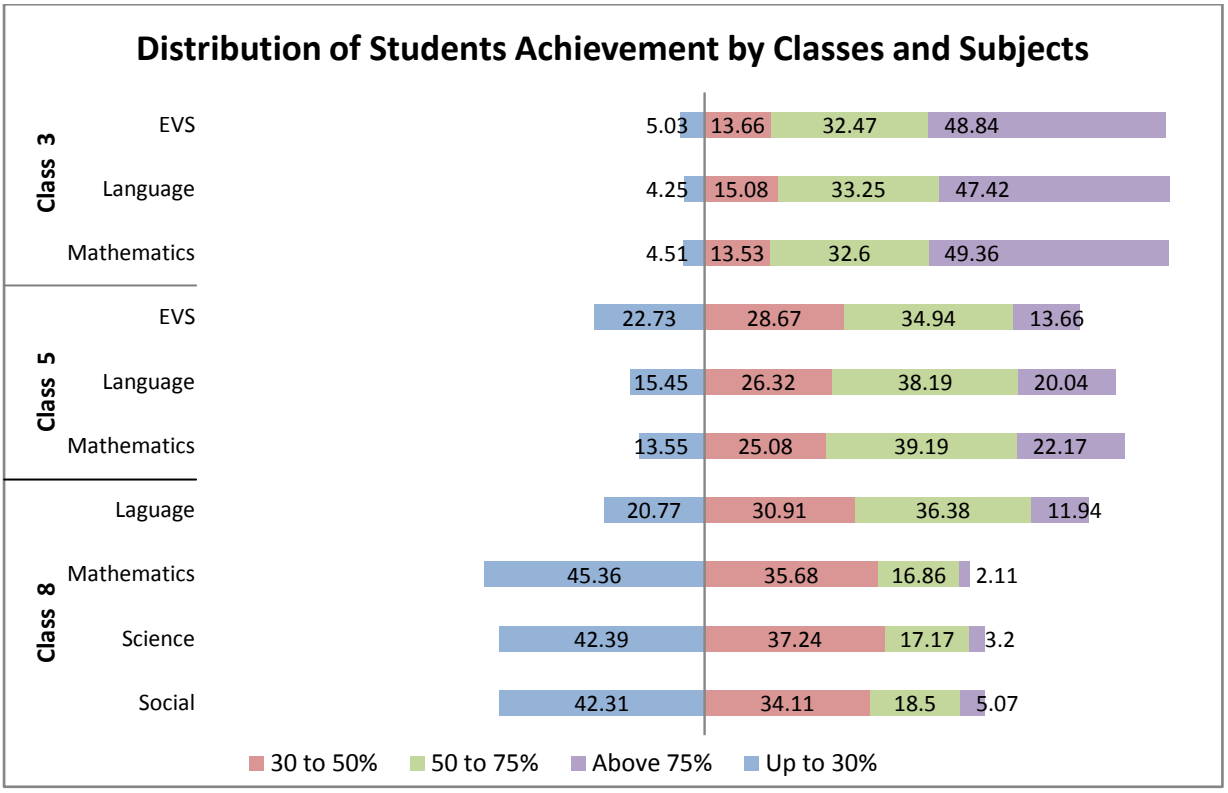






NALGONDA


Average Achievement by Classes and Subjects
Dist
State
National
80
70
60
50
40
30
20
10
0
71 67 65
72 68 68
71 69 64
50 54 57
55 57 58
57 56 53
50 53 57
35 37 42
36 38 44
37 40 44
EVS
Lang
Math
EVS
Lang
Math
Lang
Math
Science
Social
Class 3
Class 5
Class 8


Distribution of Students Achievement by Classes and Subjects
Class 3
EVS
Language
Mathematics
Class 5
EVS
Language
Mathematics
Class 8
Laguage
Mathematics
Science
Social
5.03 13.66 32.47 48.84
4.25 15.08 33.25 47.42
4.51 13.53 32.6 49.36
22.73 28.67 34.94 13.66
15.45 26.32 38.19 20.04
13.55 25.08 39.19 22.17
20.77 30.91 36.38 11.94
45.36 35.68 16.86 2.11
42.39 37.24 17.17 3.2
42.31 34.11 18.5 5.07
30 to 50%
50 to 75%
Above 75%
Up to 30%

By Gender

In our district, we stood first in
Class 3: EVS & Math
Class 5: EVS & Math
Class 8: Math & Science

In our district, we stood first in
Class 3: Language
Class 5: Language & Math
Class 8: Language, Math, Science & Social

By School Location

Rural Area

Performed better in

Class 3: EVS & Language
Class 5: EVS, Language & Math
Class 8: Math, Science & Social

Urban Area

Performed better in

Class 3: EVS & Math
Class 5:
Class 8: Language & Math

By School Management

Government

Performed better in

Class 3: EVS & Language
Class 5: EVS, Language & Math
Class 8:

Government Aided

Performed better in

Class 3: Math
Class 5:
Class 8: Language, Matt, Science & Social

By Social Groups

SC

First in

Class 3: EVS & Language
Class 5:
Class 8: Social

ST

First in

Class 3: EVS
Class 5:
Class 8: Math, Science & Social

OBC

First in

Class 3: EVS & Math
Class 5: EVS, Language & Math
Class 8:

General

First in

Class 3:
Class 5:
Class 8: Language

Learning Outcomes on Which Performance was Below 50% Indicating Need to Strengthen Teachers

NALGONDA

Class	Subject	Learning Outcome
Class 3	Language	Nil
	EVS	E313
	Mathematics	M312
Class 5	Language	Nil
	EVS	E501, E503, E505, E506, E508, E512
	Mathematics	M412, M513
Class 8	Language	L813
	Mathematics	M601, M606, M620, M621, M705, M706, M707, M710, M717, M719, M721, M801, M802, M803, M804, M812, M818, M819
	Science	SCI703, SCI704, SCI705, SCI708, SCI710, SCI711, SCI801, SCI804, SCI805, SCI807, SCI811, SCI813
	Social Studies	SST610, SST625, SST703, SST704, SST722, SST726, SST731, SST733, SST734, SST805, SST807, SST809, SST810, SST815, SST816, SST818, SST823, SST827, SST831