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
JANGAON, 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 2835 students and 169 schools are from Jangaon 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
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NCERT

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

STATE COUNCIL OF EDUCATIONAL RESEARCH & TRAINING HYDERABAD

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:** Jangaon
Class: 3	**Subject:** EVS
Schools: 58	**Students:** 787

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	302	38.37	485	61.63

AREA	Rural		Urban	
	Number	%	Number	%
	752	95.55	35	4.45

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	286	36.34	78	9.91	409	51.97	14	1.78

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	1	0	6	1	1

Management	Government		Government-aided	
	Number	%	Number	%
	763	96.95	24	3.05

Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
72.60	70.97	73.62	72.02	85.14	72.43	78.06	71.70	74.62	73.06	66.67

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.	63.15
E303	Identifies relationships with and among family members	55.81
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	73.97
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	78.97
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)	74.98
E309	Identifies directions, location of objects/places in simple maps using signs/symbols/verbally	69.75
E310	Guesses properties, estimates quantities of materials/activities in daily life and verifies using symbols/non-standard units	75.98
E311	Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc.	69.25
E313	Observes rules in games (local, indoor, outdoor)	39.53
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.	81.96

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
41	5.21	89	11.31	243	30.88	414	52.60

Lowest Performing Learning Outcomes (LOs)

1 - Observes rules in games (local, indoor, outdoor) (39.53)

2 - Identifies relationships with and among family members (55.81)

3 - Identifies simple features (e.g. movement, at places found/ kept, eating habits, sounds) of animals and birds in the immediate surroundings. (63.15)

4 - Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc. (69.25)

5 - Identifies directions, location of objects/places in simple maps using signs/symbols/verbally (69.75)

NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING

NATIONAL ACHIEVEMENT SURVEY - NAS

(Survey of Learning Outcomes)

District Report Card: 2017	
State: Telangana	**District:** Jangaon
Class: 3	**Subject:** Language
Schools: 58	**Students:** 787

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	302	38.37	485	61.63

AREA	Rural		Urban	
	Number	%	Number	%
	752	95.55	35	4.45

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	286	36.34	78	9.91	409	51.97	14	1.78

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	1	0	6	1	1

Management	Government		Government-aided	
	Number	%	Number	%
	763	96.95	24	3.05

Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
73.38	71.06	74.83	73.14	78.67	73.35	74.44	71.61	74.62	74.56	68.57

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	73.09
L312	Reads printed scripts on the classroom walls: poems, posters, charts etc.	73.98

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
15	1.91	97	12.33	291	36.98	384	48.79

Lowest Performing Learning Outcomes (LOs)

1 - Reads small texts with comprehension i.e., identifies main ideas, details, sequence and draws conclusions (73.09)

2 - Reads printed scripts on the classroom walls: poems, posters, charts etc. (73.98)

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:** Jangaon
Class: 3	**Subject:** Mathematics
Schools: 58	**Students:** 787

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	302	38.37	485	61.63

AREA	Rural		Urban	
	Number	%	Number	%
	752	95.55	35	4.45

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	286	36.34	78	9.91	409	51.97	14	1.78

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	1	0	6	1	1

Management	Government		Government-aided	
	Number	%	Number	%
	763	96.95	24	3.05

Average Performance of Students in Mathematics (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
75.45	**73.91**	**76.41**	**75.13**	**82.29**	**75.23**	**82.50**	**74.13**	**74.62**	**77.15**	**57.62**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	71.63
M302	Compares numbers up to 999 based on their place values	84.63
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	73.56
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	73.19
M305	Analyses and applies an appropriate number operation in the situation/ context	70.90
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	75.98
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	88.42
M311	Fills a given region leaving no gaps using a tile of a given shape	60.25
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	57.36
M317	Reads the time correctly to the hour using a clock/watch	78.91
M318	Extends patterns in simple shapes and numbers	70.15
M319	Records data using tally marks, represents pictorially and draws conclusions	87.80

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
41	5.21	73	9.28	214	27.19	459	58.32

Lowest Performing Learning Outcomes (LOs)

1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (57.36)

2 - Fills a given region leaving no gaps using a tile of a given shape (60.25)

3 - Extends patterns in simple shapes and numbers (70.15)

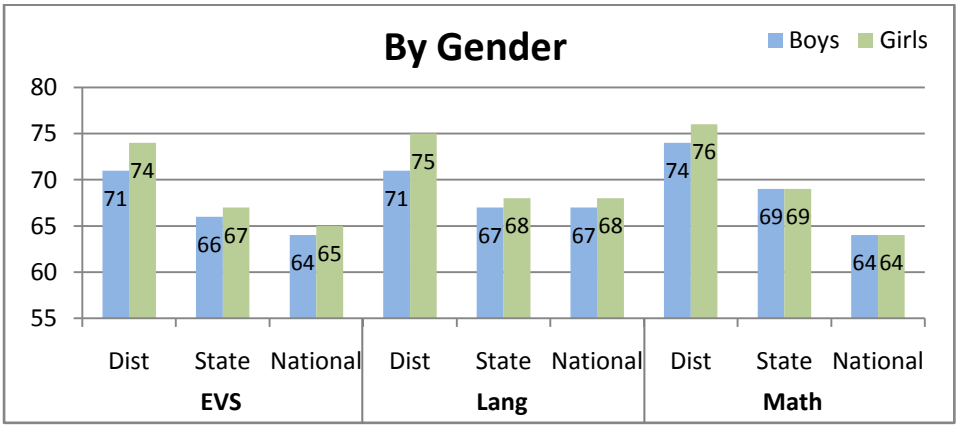
4 - Analyses and applies an appropriate number operation in the situation/ context (70.90)

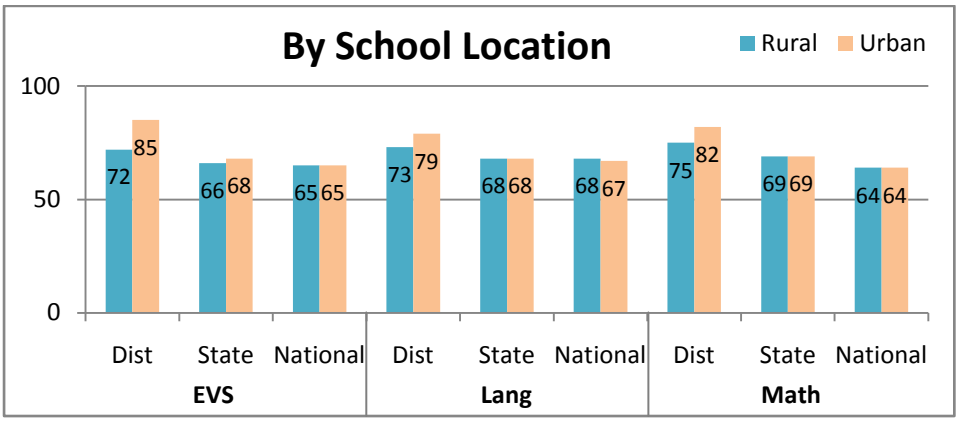
5 - Reads and writes numbers up to 999 using place value (71.63)

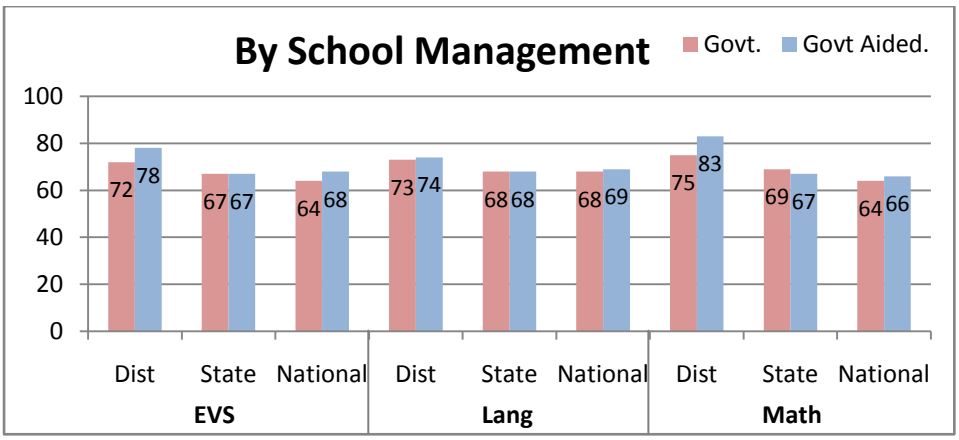
CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

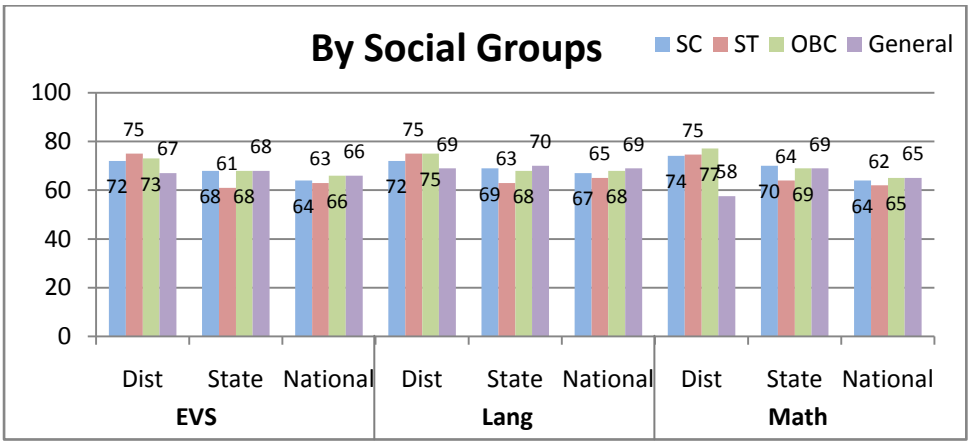
Class 3 District Results by Student Groups

Performance

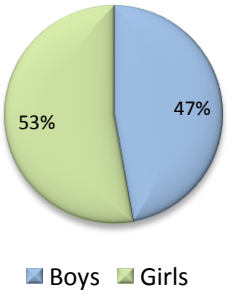


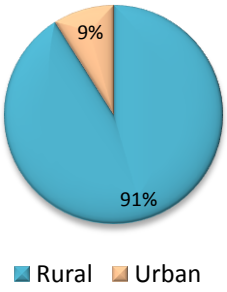


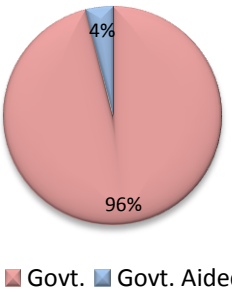


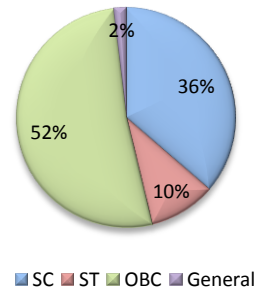


Participation









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

District Report Card: 2017	
State: Telangana	**District:** Jangaon
Class: 5	**Subject:** EVS
Schools: 60	**Students:** 916

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	379	41.38	537	58.62

AREA	Rural		Urban	
	Number	%	Number	%
	849	92.69	67	7.31

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	352	38.43	113	12.34	444	48.47	7	0.76

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	1	3	3	2	7

Management	Government		Government-aided	
	Number	%	Number	%
	910	99.34	6	0.66

Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
62.18	61.39	62.73	63.30	47.96	62.34	36.67	60.06	56.52	65.26	64.76

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
E403	Identifies relationship with and among family members in extended family	68.44
E410	Records observations/experiences/information for objects, activities, phenomena, places visited in different ways and predicts patterns and activities/ phenomena	70.92
E501	Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc.	48.25
E503	Describes the interdependence among animals, plants and humans	56.66
E504	Explains the role and functions of different institutions in daily life (Bank, Panchayat, cooperatives, police station, etc.)	73.64
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)	42.28
E506	Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc.	36.47
E507	Traces the changes in practices, customs, techniques of past and present through coins, paintings, monuments, museum etc. and interacting with elders	61.19
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	58.01
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.	65.18
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	63.75
E512	Voices opinions on issues observed/experienced and relates practices /happenings to larger issues of society	59.51
E513	Suggests ways for hygiene, health, managing waste, disaster/emergency situations and protecting/saving resources	70.18

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
103	11.24	177	19.32	334	36.46	302	32.97

Lowest Performing Learning Outcomes (LOs)

1 - Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc. (36.47)

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) (42.28)

3 - Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc. (48.25)

4 - Describes the interdependence among animals, plants and humans (56.66)

5 - 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 (58.01)

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:** Jangaon
Class: 5	**Subject:** Language
Schools: 60	**Students:** 916

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	379	41.38	537	58.62

AREA	Rural		Urban	
	Number	%	Number	%
	849	92.69	67	7.31

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	352	38.43	113	12.34	444	48.47	7	0.76

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	1	3	3	2	7

Management	Government		Government-aided	
	Number	%	Number	%
	910	99.34	6	0.66

Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
64.30	62.20	65.79	64.97	55.82	64.42	45.56	62.35	56.99	67.67	66.67

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
L504	Reads and comprehends independently storybooks, news items/ headlines, advertisements etc.	63.97
L508	Reads text with comprehension, locates details and sequence of events	64.47

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
74	8.08	186	20.31	346	37.77	310	33.84

Lowest Performing Learning Outcomes (LOs)

1 - Reads and comprehends independently storybooks, news items/ headlines, advertisements etc. (63.97)

2 - Reads text with comprehension, locates details and sequence of events (64.47)

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:** Jangaon
Class: 5	**Subject:** Mathematics
Schools: 60	**Students:** 916

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	379	41.38	537	58.62

AREA	Rural		Urban	
	Number	%	Number	%
	849	92.69	67	7.31

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	352	38.43	113	12.34	444	48.47	7	0.76

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	1	3	3	2	7

Management	Government		Government-aided	
	Number	%	Number	%
	910	99.34	6	0.66

Average Performance of Students in Mathematics (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
63.33	**62.99**	**63.56**	**64.10**	**53.53**	**63.49**	**38.89**	**62.71**	**58.47**	**65.03**	**64.76**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	64.52
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	60.40
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	75.35
M421	Represent the collected information in tables and bar graphs and draws inferences from these	75.44
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	74.45
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	59.28
M505	Finds the number corresponding to part of a collection	60.14
M506	Identifies and forms equivalent fractions of a given fraction	55.57
M508	Converts fractions into decimals and vice versa	62.64
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	58.41
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	67.80
M513	Estimates the volume of a solid body in known units.	50.34
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	57.39
M515	Identifies the pattern in triangular numbers and square number	63.54
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	63.54

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
83	9.06	182	19.87	355	38.76	296	32.31

Lowest Performing Learning Outcomes (LOs)

1 - Estimates the volume of a solid body in known units. (50.34)

2 - Identifies and forms equivalent fractions of a given fraction (55.57)

3 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (57.39)

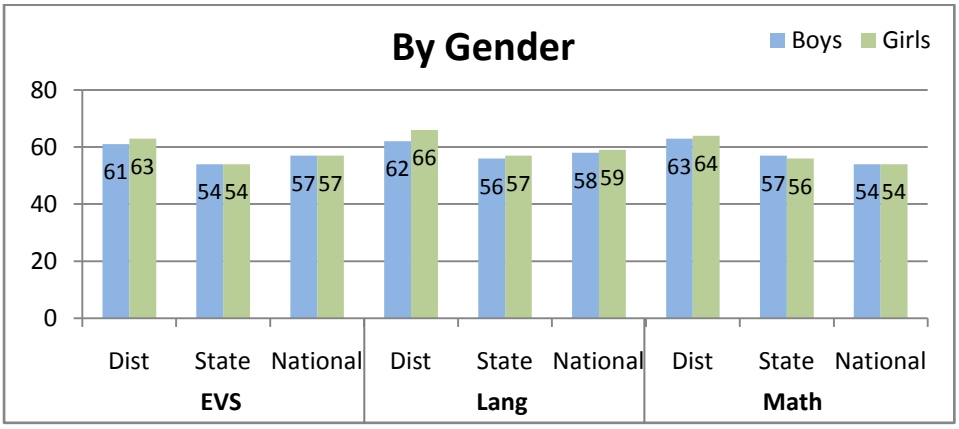
4 - Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing (58.41)

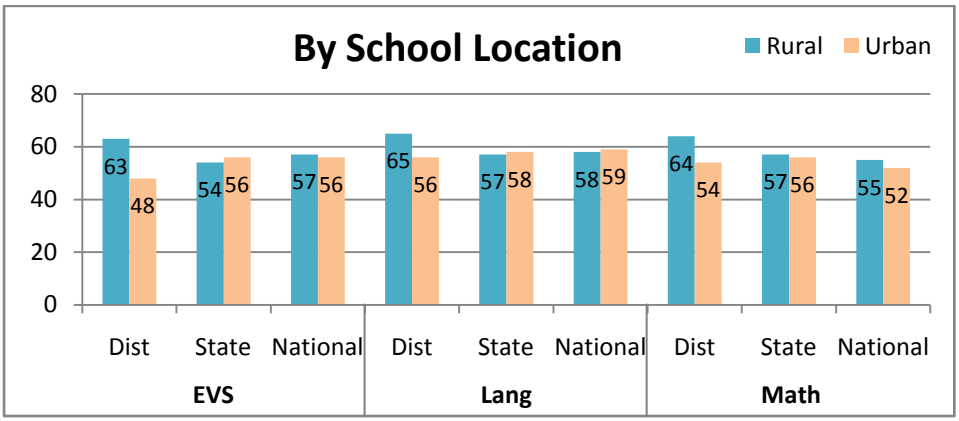
5 - Estimates sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation (59.28)

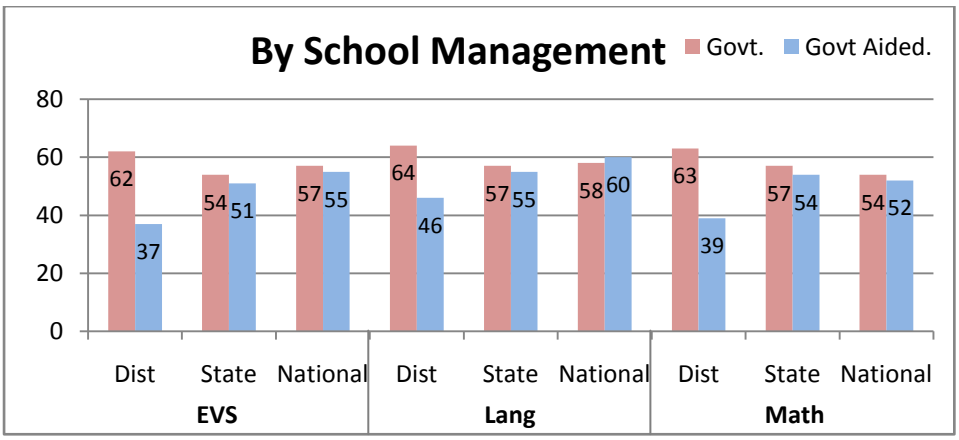
CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

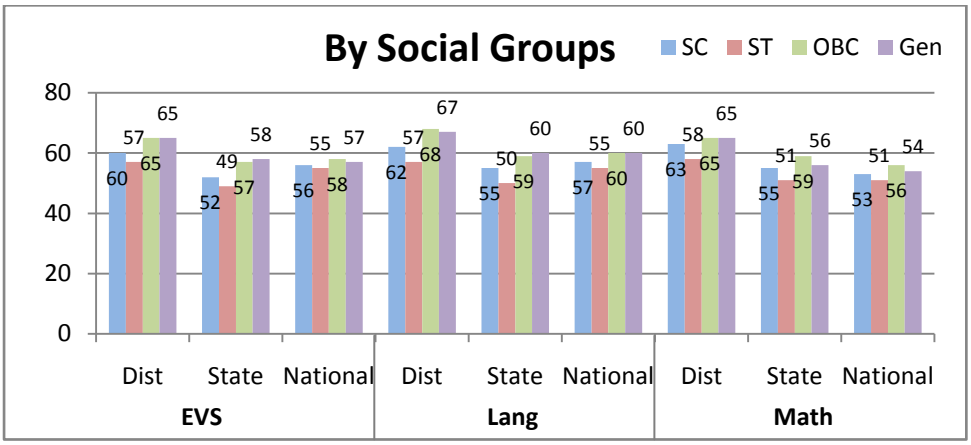
Class 5 District Results by Student Groups

Performance

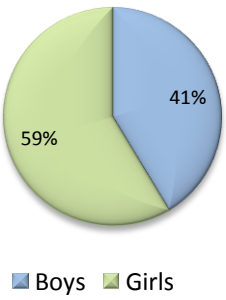


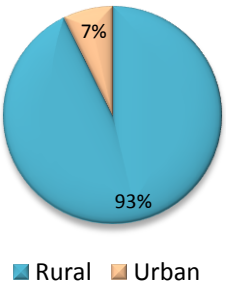


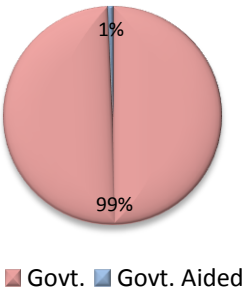


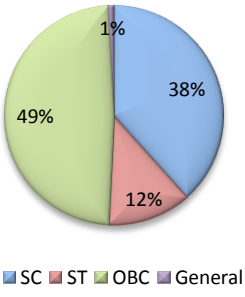


Participation









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:** JANGAON
Class: 8	**Subject:** Language
Schools: 51	**Students:** 1132

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	491	43.37	641	56.63

AREA	Rural		Urban	
	Number	%	Number	%
	1050	92.76	82	7.24

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	346	30.57	176	15.55	564	49.82	46	4.06

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

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1123	99.20	9	0.80

Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
53.29	52.34	54.01	53.19	54.55	53.35	45.93	53.31	48.22	55.37	46.96

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	53.29

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
180	15.90	295	26.06	494	43.64	163	14.40

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 (53.29)

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:** JANGAON
Class: 8	**Subject:** Mathematics
Schools: 51	**Students:** 1132

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	491	43.37	641	56.63

AREA	Rural		Urban	
	Number	%	Number	%
	1050	92.76	82	7.24

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	346	30.57	176	15.55	564	49.82	46	4.06

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

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1123	99.20	9	0.80

Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.60	36.99	38.07	37.36	40.65	37.57	41.48	36.90	35.19	39.20	32.46

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	33.63
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	32.57
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.	34.28
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	29.95
M702	Interprets the division and multiplication of fractions	33.66
M705	Solves problems related to daily life situations involving rational numbers	44.17
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers.	28.88
M707	Adds/subracts algebraic expressions	40.28
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	22.82
M717	Finds out approximate area of closed shapes by using unit square grid/ graph sheet	34.85
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	50.84
M721	Interprets data using bar graph such as consumption of electricity is more in winters than summer	45.63
M801	Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns	26.20
M802	Finds rational numbers between two given rational numbers	39.93
M803	Proves divisibility rules of 2, 3,4, 5, 6, 9 and 11	42.38
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods.	36.90
M808	Use various algebric identities in solving problems of daily life.	55.97
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	31.80
M818	Finds surface area and volume of cuboidal and cylindrical object	31.19
M819	Draws and interprets bar charts and pie charts	39.93

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
482	42.58	364	32.16	245	21.64	41	3.62

Lowest Performing Learning Outcomes (LOs)

1. Solves problems related to conversion of percentage to fraction and decimal and vice versa (22.82)
2. Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns (26.2)
3. Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers. (28.88)
4. Arranges given/collected information in the form of table, pictograph and bar graph and interprets them (29.95)
5. Finds surface area and volume of cuboidal and cylindrical object (31.19)

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एन सी ई आर टी
NCERT

District Report Card: 2017	
State: Telangana	**District:** JANGAON
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1132

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	491	43.37	641	56.63

AREA	Rural		Urban	
	Number	%	Number	%
	1050	92.76	82	7.24

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	346	30.57	176	15.55	564	49.82	46	4.06

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

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1123	99.20	9	0.80

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.90	37.52	38.19	38.17	34.47	37.95	31.11	37.28	35.83	39.27	33.62

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.40
SCI704	Conducts simple investigation to seek answers to queries	25.13
SCI705	Relates processes and phenomenon with causes	46.41
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	37.28
SCI710	Plots and interprets graphs	33.98
SCI711	Constructs models using materials from surroundings and explains their working	34.50
SCI801	Differentiates materials, organism and processes	31.36
SCI804	Relates processes and phenomenon with causes	48.86
SCI805	Explains processes and phenomenon	33.92
SCI807	Measures angles of incidence and reflection, etc.	39.31
SCI811	Applies learning of scientific concepts in day-to-day life	40.48
SCI813	Makes efforts to protect environment	54.59

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
450	39.75	427	37.72	196	17.31	59	5.21

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (25.13)
2. Differentiates materials, organism and processes (31.36)
3. Explains processes and phenomenon (33.92)
4. Plots and interprets graphs (33.98)
5. Constructs models using materials from surroundings and explains their working (34.5)

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NATIONAL ACHIEVEMENT SURVEY -NAS
(Survey of Learning Outcomes)

विद्यया ऽमृतमश्नुते
एन सी ई आर टी
NCERT

District Report Card: 2017	
State: Telangana	**District:** JANGAON
Class: 8	**Subject:** Social Science
Schools: 51	**Students:** 1132

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	491	43.37	641	56.63

AREA	Rural		Urban	
	Number	%	Number	%
	1050	92.76	82	7.24

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	346	30.57	176	15.55	564	49.82	46	4.06

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

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1123	99.20	9	0.80

Average Performance of Students in SST (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.97	40.80	41.10	40.97	40.98	41.13	20.74	41.39	37.05	42.47	34.49

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	56.89
SST610	Locates important historical sites, places on an outline map of India	21.57
SST625	Describes the functioning of rural and urban local government bodies in sectors like health and education	30.12
SST703	Explains preventive actions to be undertaken in the event of disasters	38.16
SST704	Describes formation of landforms due to various factors	40.64
SST722	Explains the significance of equality in democracy	41.16
SST726	Describes the process of election to the legislative assembly	52.71
SST731	Explains the functioning of media with appropriate examples from newspapers.	45.18
SST733	Differentiates between different kinds of markets	51.52
SST734	Traces how goods travel through various market places.	45.36
SST802	Describes major crops, types of farming and agricultural practices in her/his own area/state	58.39
SST805	Locates distribution of important minerals e.g. coal and mineral oil on the world map	34.50
SST807	Justifies judicious use of natural resources	42.25
SST809	Draws interrelationship between types of farming and development in different regions of the world	37.65
SST810	Distinguishes the modern period from the medieval and the ancient periods through the use of sources	42.91
SST815	Explains the origin, nature and spread of the revolt of 1857 and the lessons learned from it	32.80
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	32.86
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	32.42
SST823	Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation	30.04
SST827	Describes the process of making a law. (e.g. Domestic Violence Act, RTI Act, RTE Act)	32.62
SST831	Identifies the role of Government in providing public facilities such as water, sanitation, road, electricity etc., and recognizes their availability	36.62
SST833	Draws bar diagram to show population of different countries/India/states	63.75

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
380	33.57	416	36.75	278	24.56	58	5.12

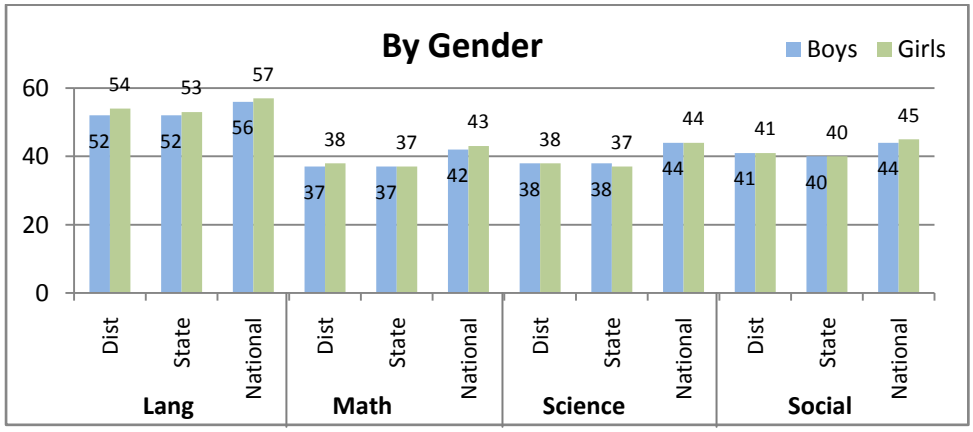
Lowest Performing Learning Outcomes (LOs)

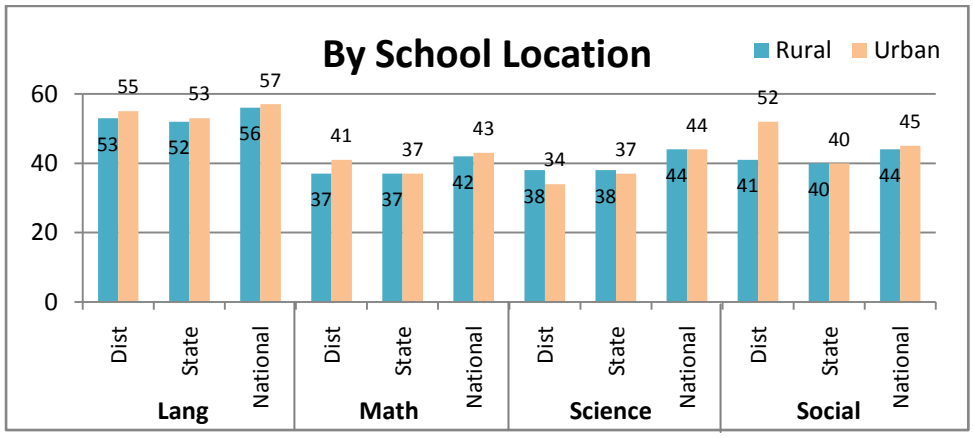
1. Locates important historical sites, places on an outline map of India (21.57)
2. Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation (30.04)
3. Describes the functioning of rural and urban local government bodies in sectors like health and education (30.12)
4. Analyses the issues related to caste, women, widow remarriage, child marriage, social reforms and the laws and policies of colonial administration towards these issues (32.42)
5. Describes the process of making a law. (e.g. Domestic Violence Act, RTI Act, RTE Act) (32.62)

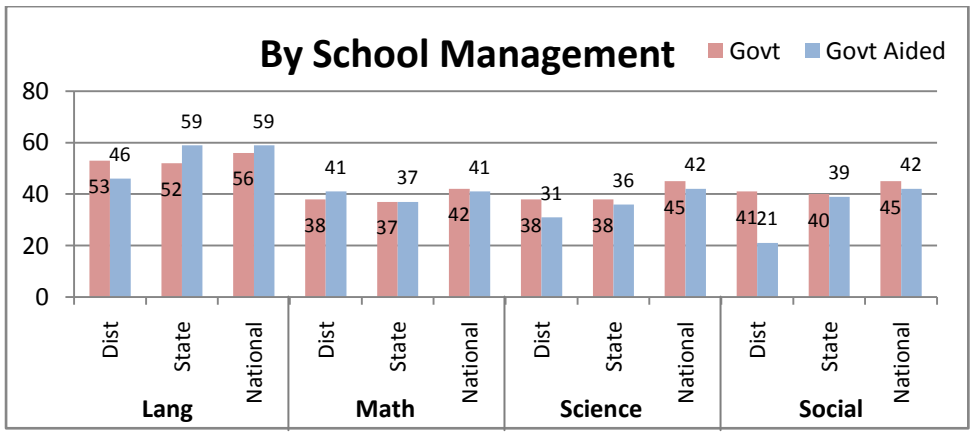
CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

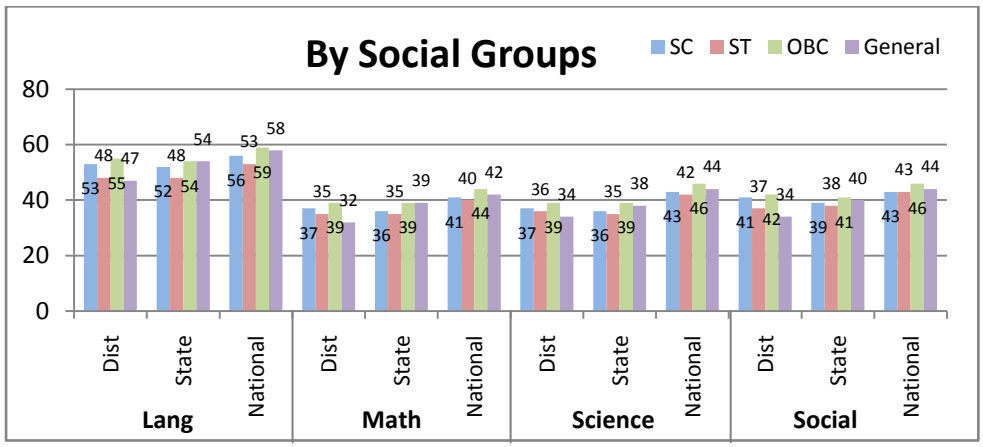
Class 8 District Results by Student Groups

Performance

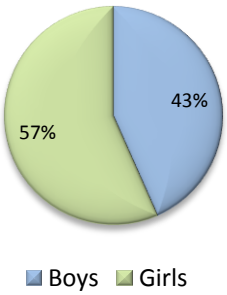


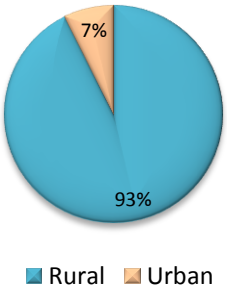


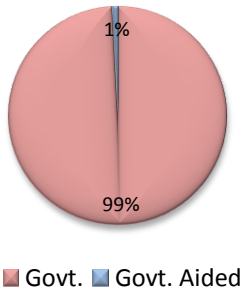


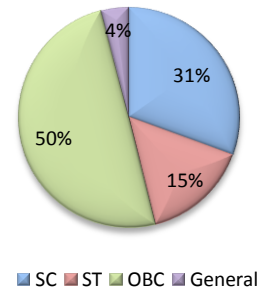


Participation

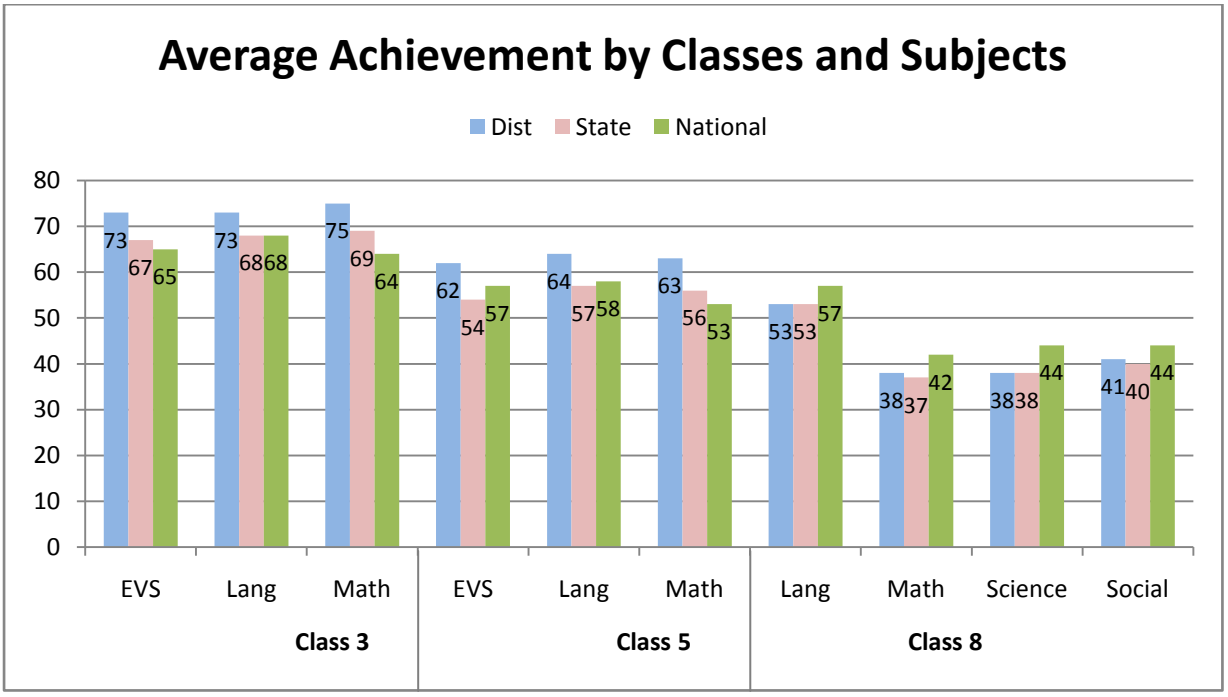


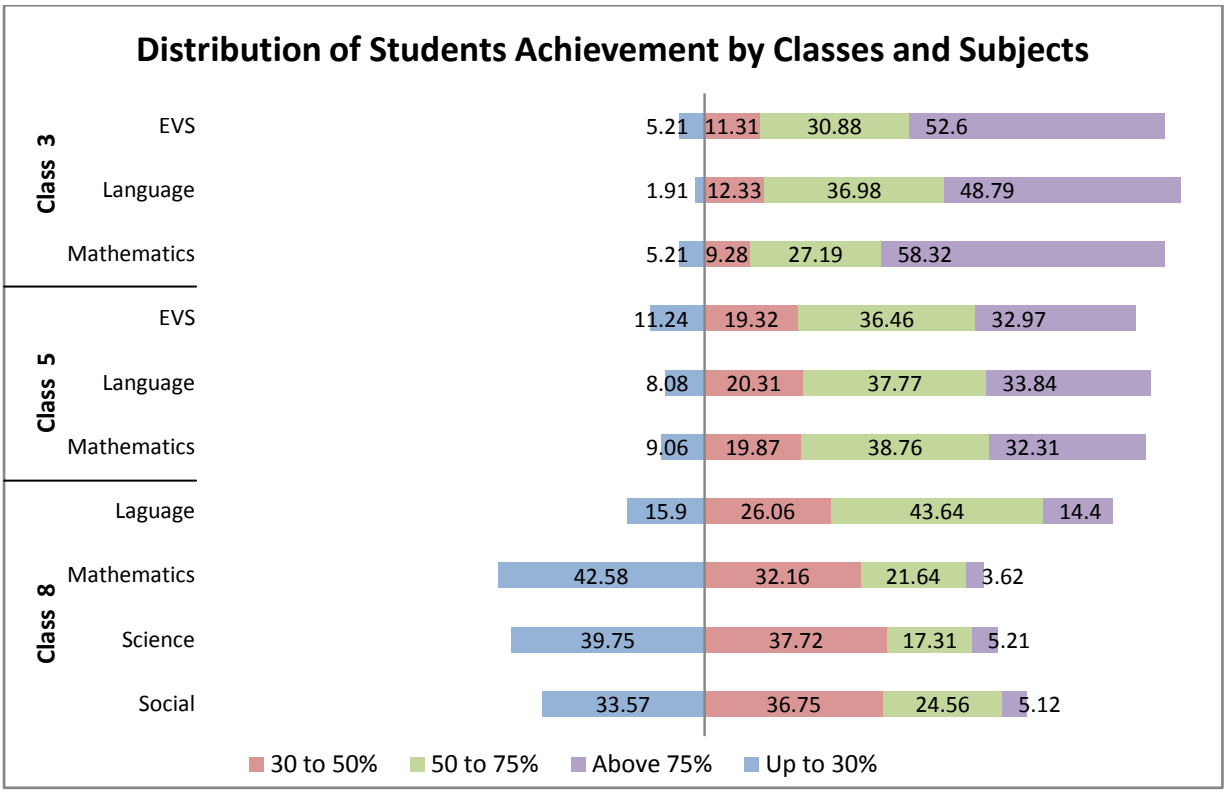






JANGAON


Average Achievement by Classes and Subjects
Dist
State
National
80
70
60
50
40
30
20
10
0
73 67 65
73 68 68
75 69 64
62 54 57
64 57 58
63 56 53
53 53 57
38 37 42
38 38 44
41 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
5.21 11.31 30.88 52.6
1.91 12.33 36.98 48.79
5.21 9.28 27.19 58.32
11.24 19.32 36.46 32.97
8.08 20.31 37.77 33.84
9.06 19.87 38.76 32.31
15.9 26.06 43.64 14.4
42.58 32.16 21.64 3.62
39.75 37.72 17.31 5.21
33.57 36.75 24.56 5.12
30 to 50%
50 to 75%
Above 75%
Up to 30%

By Gender

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

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

By School Location

Rural Area

Performed better in

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

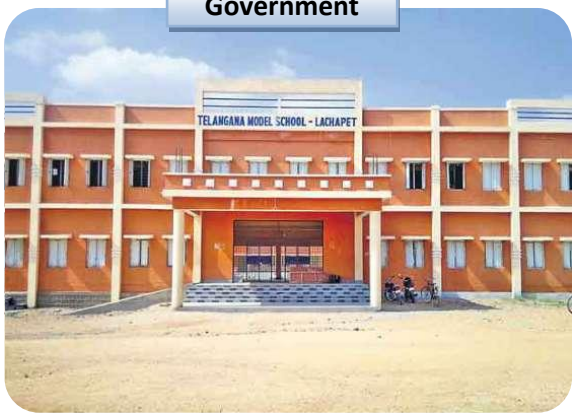
Urban Area

Performed better in

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

By School Management

Government



Performed better in

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

Government Aided

Performed better in

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

By Social Groups

SC

First in

Class 3:
Class 5:
Class 8:

ST

First in

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

OBC

First in

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

General

First in

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

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

JANGAON

Class	Subject	Learning Outcome
Class 3	Language	Nil
	EVS	NIL
	Mathematics	M312
Class 5	Language	Nil
	EVS	E501, E505, E506
	Mathematics	Nil
Class 8	Language	Nil
	Mathematics	M601, M620, M621, M705, M706, M707, M710, M717, M801, M802, M804, M812, M818, M819
	Science	SCI703, SCI704, SCI708, SCI710, SCI711, SCI801, SCI805, SCI807
	Social Studies	SST610, SST625, SST703, SST722, SST805, SST807, SST809, SST810, SST815, SST816, SST818, SST823, SST831