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
WANAPARTHY, 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 3175 students and 173 schools are from Wanaparthy 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:** Wanaparthy
Class: 3	**Subject:** EVS
Schools: 61	**Students:** 868

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	376	43.32	492	56.68

AREA	Rural		Urban	
	Number	%	Number	%
	825	95.05	43	4.95

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	238	27.42	80	9.22	514	59.22	36	4.15

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	2	1	3	4	0

Management	Government		Government-aided	
	Number	%	Number	%
	868	100.00	0	0.00

Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
72.29	70.53	73.63	71.97	78.45	72.29	0.00	72.69	67.50	73.23	66.85

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.	54.15
E303	Identifies relationships with and among family members	52.79
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	74.19
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	79.44
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)	75.15
E309	Identifies directions, location of objects/places in simple maps using signs/symbols/verbally	71.92
E310	Guesses properties, estimates quantities of materials/activities in daily life and verifies using symbols/non-standard units	75.12
E311	Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc.	66.82
E313	Observes rules in games (local, indoor, outdoor)	48.37
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.	83.29

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
33	3.80	111	12.79	285	32.83	439	50.58

Lowest Performing Learning Outcomes (LOs)

1 - Observes rules in games (local, indoor, outdoor) (48.37)

2 - Identifies relationships with and among family members (52.79)

3 - Identifies simple features (e.g. movement, at places found/ kept, eating habits, sounds) of animals and birds in the immediate surroundings. (54.15)

4 - Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc. (66.82)

5 - Identifies directions, location of objects/places in simple maps using signs/symbols/verbally (71.92)

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:** Wanaparthy
Class: 3	**Subject:** Language
Schools: 61	**Students:** 868

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	376	43.32	492	56.68

AREA	Rural		Urban	
	Number	%	Number	%
	825	95.05	43	4.95

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	238	27.42	80	9.22	514	59.22	36	4.15

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	2	1	3	4	0

Management	Government		Government-aided	
	Number	%	Number	%
	868	100.00	0	0.00

Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
75.58	73.16	77.44	75.29	81.24	75.58	0.00	74.93	72.67	76.56	72.41

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	75.78
L312	Reads printed scripts on the classroom walls: poems, posters, charts etc.	75.18

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
20	2.30	83	9.56	291	33.53	474	54.61

Lowest Performing Learning Outcomes (LOs)

1 - Reads printed scripts on the classroom walls: poems, posters, charts etc. (75.18)

2 - Reads small texts with comprehension i.e., identifies main ideas, details, sequence and draws conclusions (75.78)

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:** Wanaparthy
Class: 3	**Subject:** Mathematics
Schools: 61	**Students:** 868

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	376	43.32	492	56.68

AREA	Rural		Urban	
	Number	%	Number	%
	825	95.05	43	4.95

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	238	27.42	80	9.22	514	59.22	36	4.15

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	2	1	3	4	0

Management	Government		Government-aided	
	Number	%	Number	%
	868	100.00	0	0.00

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
75.61	74.86	76.19	75.43	79.22	75.61	0.00	74.57	71.75	76.93	72.41

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	76.60
M302	Compares numbers up to 999 based on their place values	85.02
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	74.15
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	73.62
M305	Analyses and applies an appropriate number operation in the situation/ context	69.35
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	76.84
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	85.90
M311	Fills a given region leaving no gaps using a tile of a given shape	60.96
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	43.49
M317	Reads the time correctly to the hour using a clock/watch	77.76
M318	Extends patterns in simple shapes and numbers	72.97
M319	Records data using tally marks, represents pictorially and draws conclusions	88.94

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
29	3.34	82	9.45	253	29.15	504	58.06

Lowest Performing Learning Outcomes (LOs)

1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (43.49)

2 - Fills a given region leaving no gaps using a tile of a given shape (60.96)

3 - Analyses and applies an appropriate number operation in the situation/ context (69.35)

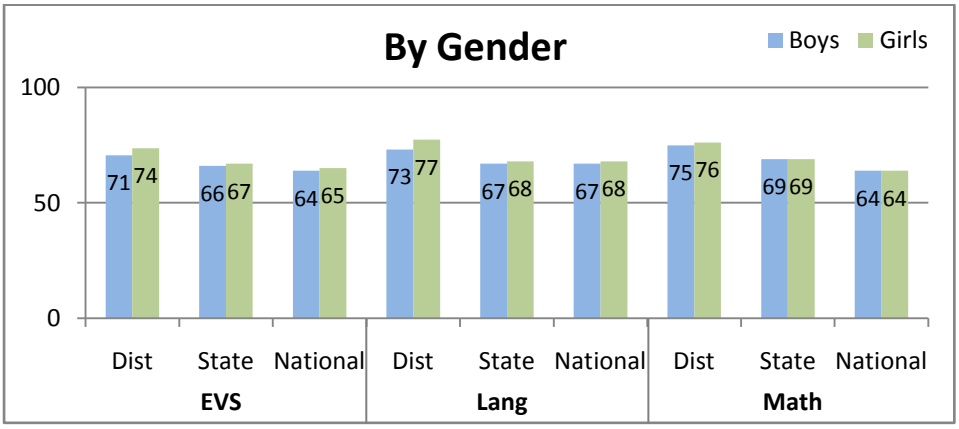
4 - Extends patterns in simple shapes and numbers (72.97)

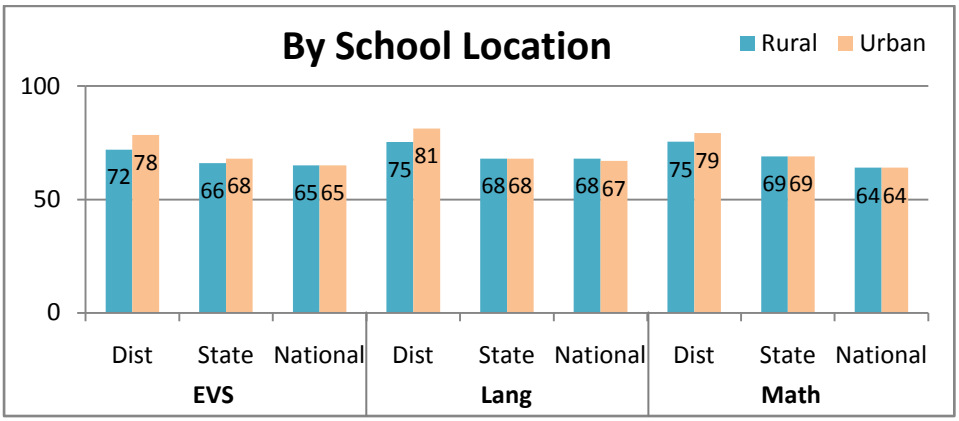
5 - Constructs and uses the multiplication facts (up till 10) in daily life situations (73.62)

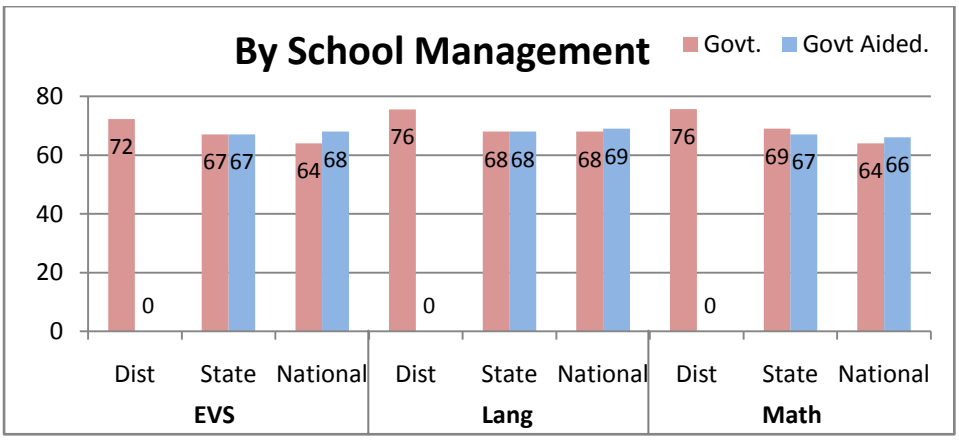
CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

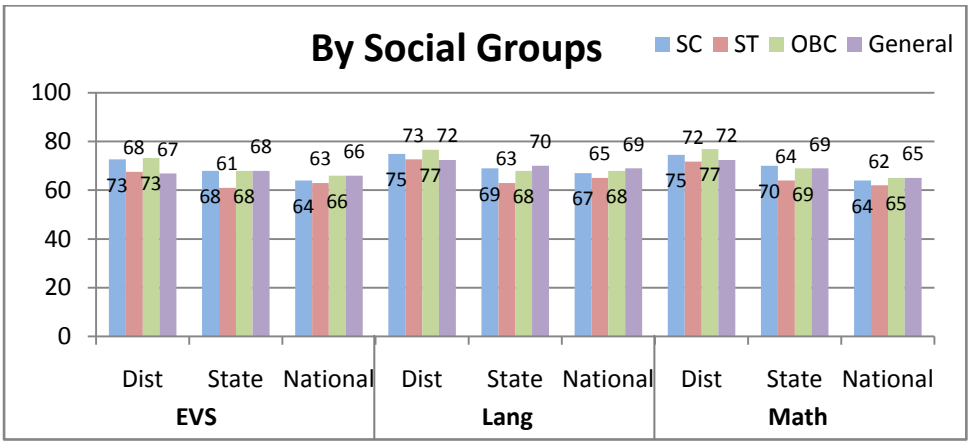
Class 3 District Results by Student Groups

Performance

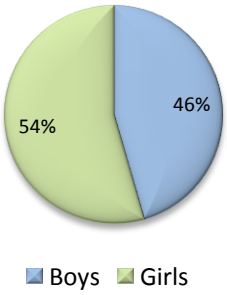


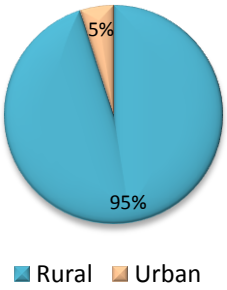


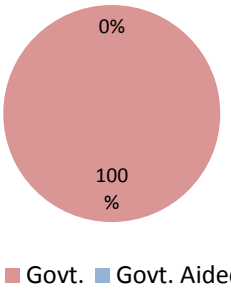


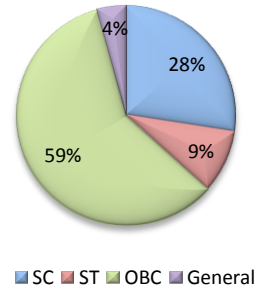


Participation









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

District Report Card: 2017	
State: Telangana	**District:** Wanaparthy
Class: 5	**Subject:** EVS
Schools: 61	**Students:** 1062

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	549	51.69	513	48.31

AREA	Rural		Urban	
	Number	%	Number	%
	1005	94.63	57	5.37

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	233	21.94	125	11.77	666	62.71	38	3.58

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

Management	Government		Government-aided	
	Number	%	Number	%
	1062	100.00	0	0.00

Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
55.26	51.83	58.93	55.49	51.23	55.26	0.00	51.93	46.51	58.01	56.32

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
E403	Identifies relationship with and among family members in extended family	59.08
E410	Records observations/experiences/information for objects, activities, phenomena, places visited in different ways and predicts patterns and activities/ phenomena	66.79
E501	Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc.	42.56
E503	Describes the interdependence among animals, plants and humans	52.26
E504	Explains the role and functions of different institutions in daily life (Bank, Panchayat, cooperatives, police station, etc.)	66.67
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)	29.68
E506	Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc.	36.36
E507	Traces the changes in practices, customs, techniques of past and present through coins, paintings, monuments, museum etc. and interacting with elders	55.64
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	50.92
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.	56.67
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	63.48
E512	Voices opinions on issues observed/experienced and relates practices /happenings to larger issues of society	57.14
E513	Suggests ways for hygiene, health, managing waste, disaster/emergency situations and protecting/saving resources	60.95

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
148	13.94	309	29.10	394	37.10	211	19.87

Lowest Performing Learning Outcomes (LOs)

1 - Establishes linkages among terrain, climate, resources (food, water, shelter, livelihood) and cultural life. (e.g. life in distant/difficult areas like hot/cold deserts) (29.68)

2 - Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc. (36.36)

3 - Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc. (42.56)

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 (50.92)

5 - Describes the interdependence among animals, plants and humans (52.26)

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:** Wanaparthy
Class: 5	**Subject:** Language
Schools: 61	**Students:** 1062

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	549	51.69	513	48.31

AREA	Rural		Urban	
	Number	%	Number	%
	1005	94.63	57	5.37

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	233	21.94	125	11.77	666	62.71	38	3.58

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

Management	Government		Government-aided	
	Number	%	Number	%
	1062	100.00	0	0.00

Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
60.01	57.30	62.91	60.01	60.00	60.01	0.00	56.94	50.45	62.39	68.60

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
L504	Reads and comprehends independently storybooks, news items/ headlines, advertisements etc.	59.51
L508	Reads text with comprehension, locates details and sequence of events	60.26

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
85	8.00	263	24.76	465	43.79	249	23.45

Lowest Performing Learning Outcomes (LOs)

1 - Reads and comprehends independently storybooks, news items/ headlines, advertisements etc. (59.51)

2 - Reads text with comprehension, locates details and sequence of events (60.26)

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:** Wanaparthy
Class: 5	**Subject:** Mathematics
Schools: 61	**Students:** 1062

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	549	51.69	513	48.31

AREA	Rural		Urban	
	Number	%	Number	%
	1005	94.63	57	5.37

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	233	21.94	125	11.77	666	62.71	38	3.58

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

Management	Government		Government-aided	
	Number	%	Number	%
	1062	100.00	0	0.00

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
59.67	56.89	62.64	60.04	53.10	59.67	0.00	58.25	54.08	61.28	58.42

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	60.08
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	49.17
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	67.58
M421	Represent the collected information in tables and bar graphs and draws inferences from these	74.76
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	67.51
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	60.23
M505	Finds the number corresponding to part of a collection	57.48
M506	Identifies and forms equivalent fractions of a given fraction	56.69
M508	Converts fractions into decimals and vice versa	63.08
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	60.95
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	58.32
M513	Estimates the volume of a solid body in known units.	36.92
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	55.16
M515	Identifies the pattern in triangular numbers and square number	53.95
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	62.91

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
106	9.98	247	23.26	467	43.97	242	22.79

Lowest Performing Learning Outcomes (LOs)

1 - Estimates the volume of a solid body in known units. (36.92)

2 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (49.17)

3 - Identifies the pattern in triangular numbers and square number (53.95)

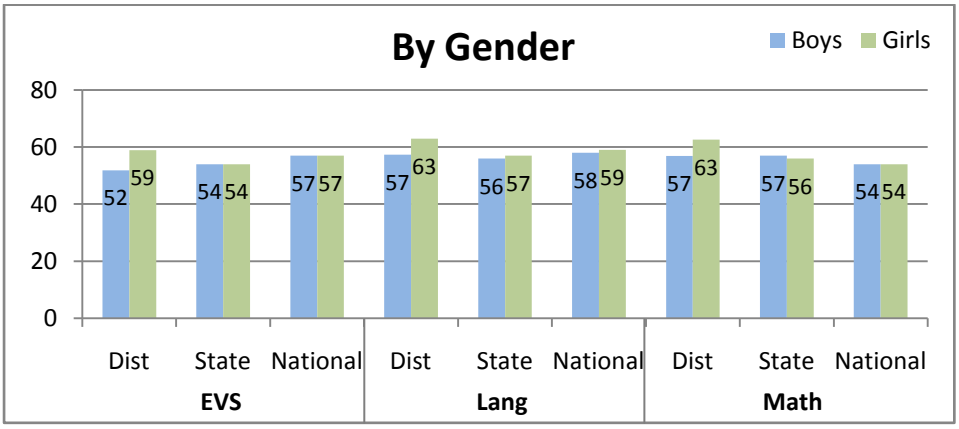
4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (55.16)

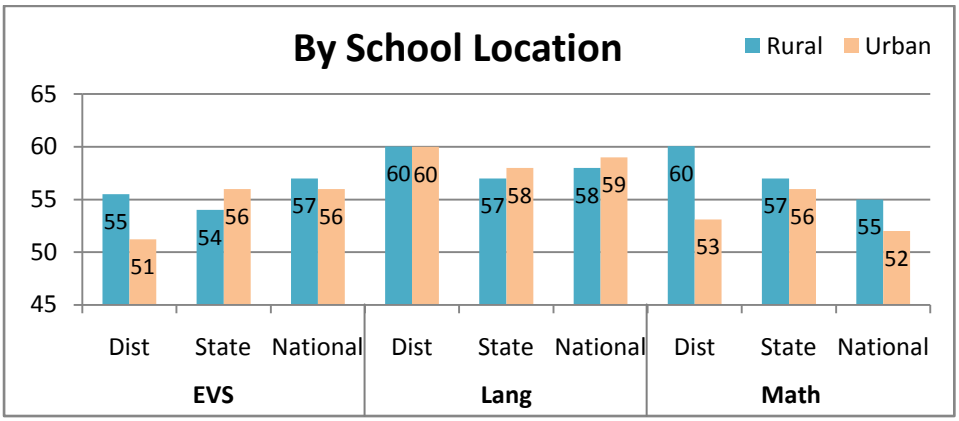
5 - Identifies and forms equivalent fractions of a given fraction (56.69)

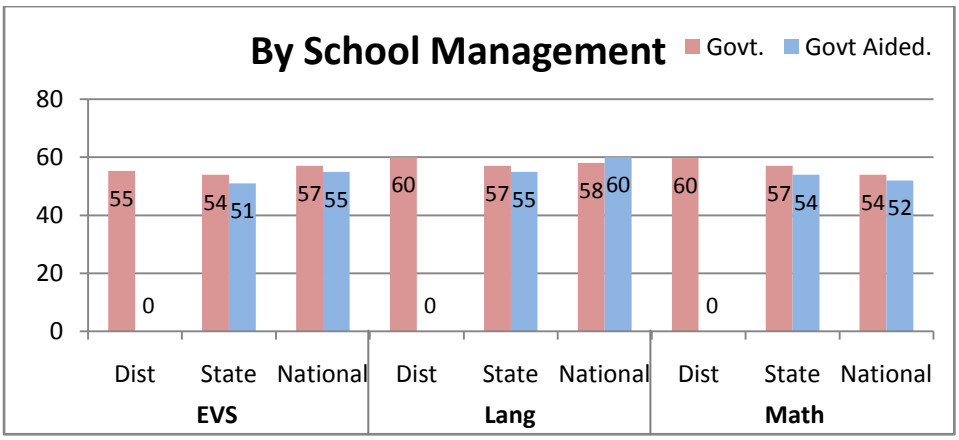
CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

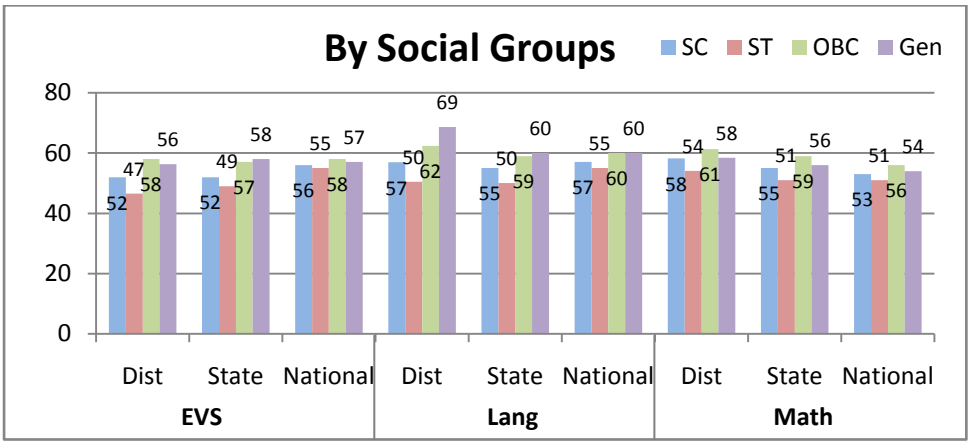
Class 5 District Results by Student Groups

Performance

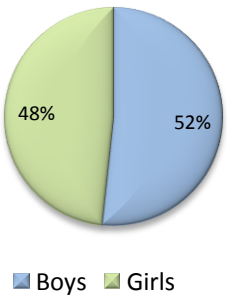


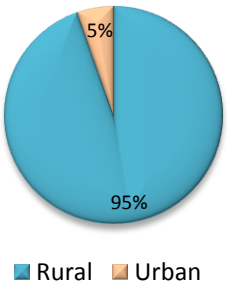


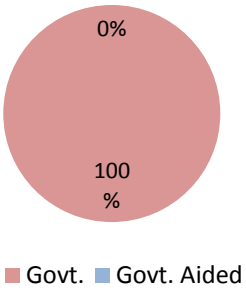


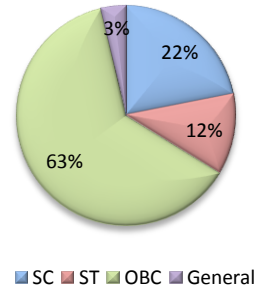


Participation









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:** WANAPARTHY
Class: 8	**Subject:** Language
Schools: 51	**Students:** 1245

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	614	49.32	631	50.68

AREA	Rural		Urban	
	Number	%	Number	%
	1027	82.49	218	17.51

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	271	21.77	95	7.63	835	67.07	44	3.53

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

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1245	100.00	0	0.00

Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
54.48	54.41	54.55	54.72	53.33	54.48	0.00	54.64	52.14	54.63	55.61

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	54.48

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
169	13.57	360	28.92	510	40.96	206	16.55

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 (54.48)

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:** WANAPARTHY
Class: 8	**Subject:** Mathematics
Schools: 51	**Students:** 1245

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	614	49.32	631	50.68

AREA	Rural		Urban	
	Number	%	Number	%
	1027	82.49	218	17.51

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	271	21.77	95	7.63	835	67.07	44	3.53

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

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1245	100.00	0	0.00

Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.57	36.98	36.16	36.72	35.87	36.57	0.00	34.54	40.70	36.77	36.21

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	32.36
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	31.72
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.	33.01
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	31.88
M702	Interprets the division and multiplication of fractions	35.74
M705	Solves problems related to daily life situations involving rational numbers	42.65
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers.	34.29
M707	Adds/subracts algebraic expressions	37.83
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	21.05
M717	Finds out approximate area of closed shapes by using unit square grid/ graph sheet	33.01
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	50.92
M721	Interprets data using bar graph such as consumption of electricity is more in winters than summer	47.21
M801	Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns	30.30
M802	Finds rational numbers between two given rational numbers	36.20
M803	Proves divisibility rules of 2, 3,4, 5, 6, 9 and 11	38.19
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods.	37.96
M808	Use various algebric identities in solving problems of daily life.	50.56
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	28.43
M818	Finds surface area and volume of cuboidal and cylindrical object	26.32
M819	Draws and interprets bar charts and pie charts	40.00

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
550	44.18	441	35.42	189	15.18	65	5.22

Lowest Performing Learning Outcomes (LOs)

1. Solves problems related to conversion of percentage to fraction and decimal and vice versa (21.05)
2. Finds surface area and volume of cuboidal and cylindrical object (26.32)
3. Verifies properties of parallelogram and establishes the relationship between them through reasoning (28.43)
4. Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns (30.3)
5. Solves problems on daily life situations involving addition and subtraction of fractions / decimals (31.72)

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:** WANAPARTHY
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1245

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	614	49.32	631	50.68

AREA	Rural		Urban	
	Number	%	Number	%
	1027	82.49	218	17.51

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	271	21.77	95	7.63	835	67.07	44	3.53

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

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1245	100.00	0	0.00

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.90	37.22	34.62	36.12	34.86	35.90	0.00	34.17	36.56	36.50	33.79

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.51
SCI704	Conducts simple investigation to seek answers to queries	20.52
SCI705	Relates processes and phenomenon with causes	48.87
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	30.60
SCI710	Plots and interprets graphs	27.67
SCI711	Constructs models using materials from surroundings and explains their working	31.07
SCI801	Differentiates materials, organism and processes	31.75
SCI804	Relates processes and phenomenon with causes	39.64
SCI805	Explains processes and phenomenon	35.82
SCI807	Measures angles of incidence and reflection, etc.	33.33
SCI811	Applies learning of scientific concepts in day-to-day life	40.36
SCI813	Makes efforts to protect environment	63.05

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
519	41.69	475	38.15	217	17.43	34	2.73

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (20.52)
2. Plots and interprets graphs (27.67)
3. Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc (30.6)
4. Constructs models using materials from surroundings and explains their working (31.07)
5. Differentiates materials, organism and processes (31.75)

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:** WANAPARTHY
Class: 8	**Subject:** Social Science
Schools: 51	**Students:** 1245

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	614	49.32	631	50.68

AREA	Rural		Urban	
	Number	%	Number	%
	1027	82.49	218	17.51

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	271	21.77	95	7.63	835	67.07	44	3.53

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

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1245	100.00	0	0.00

Average Performance of Students in SST (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.61	41.07	40.15	40.47	41.25	40.61	0.00	37.05	44.91	41.43	37.58

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	56.79
SST610	Locates important historical sites, places on an outline map of India	17.07
SST625	Describes the functioning of rural and urban local government bodies in sectors like health and education	31.10
SST703	Explains preventive actions to be undertaken in the event of disasters	43.29
SST704	Describes formation of landforms due to various factors	47.37
SST722	Explains the significance of equality in democracy	36.25
SST726	Describes the process of election to the legislative assembly	56.31
SST731	Explains the functioning of media with appropriate examples from newspapers.	42.39
SST733	Differentiates between different kinds of markets	50.24
SST734	Traces how goods travel through various market places.	51.94
SST802	Describes major crops, types of farming and agricultural practices in her/his own area/state	60.08
SST805	Locates distribution of important minerals e.g. coal and mineral oil on the world map	39.64
SST807	Justifies judicious use of natural resources	39.55
SST809	Draws interrelationship between types of farming and development in different regions of the world	38.67
SST810	Distinguishes the modern period from the medieval and the ancient periods through the use of sources	39.32
SST815	Explains the origin, nature and spread of the revolt of 1857 and the lessons learned from it	32.38
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	32.45
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	28.76
SST823	Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation	24.26
SST827	Describes the process of making a law. (e.g. Domestic Violence Act, RTI Act, RTE Act)	30.30
SST831	Identifies the role of Government in providing public facilities such as water, sanitation, road, electricity etc., and recognizes their availability	35.94
SST833	Draws bar diagram to show population of different countries/India/states	61.65

Range of Performance of Students who Answered Correctly							
Below 30%		**30% - 50%**		**50% - 75%**		**Above 75%**	
Number	%	Number	%	Number	%	Number	%
430	34.54	451	36.22	288	23.13	76	6.10

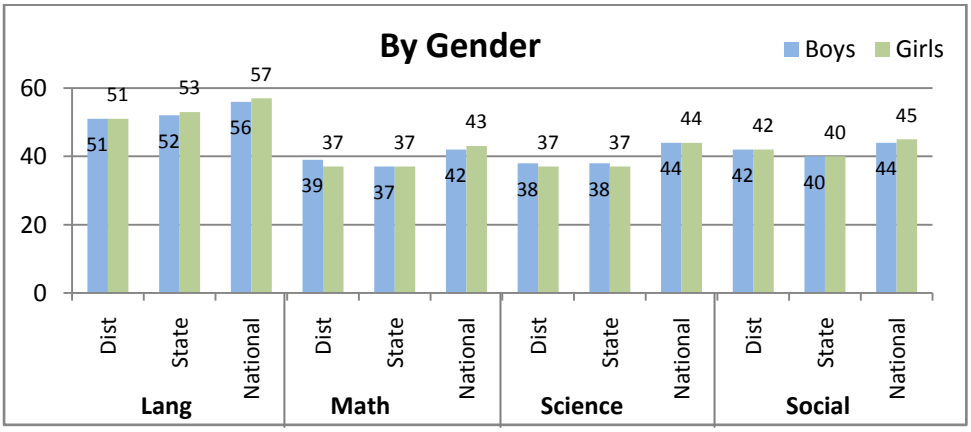
Lowest Performing Learning Outcomes (LOs)

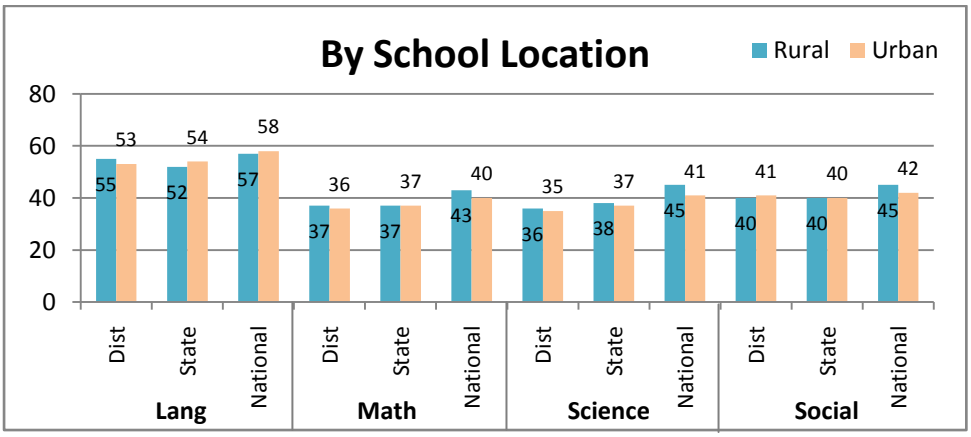
1. Locates important historical sites, places on an outline map of India (17.07)
2. Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation (24.26)
3. Analyses the issues related to caste, women, widow remarriage, child marriage, social reforms and the laws and policies of colonial administration towards these issues (28.76)
4. Describes the process of making a law. (e.g. Domestic Violence Act, RTI Act, RTE Act) (30.3)
5. Describes the functioning of rural and urban local government bodies in sectors like health and education (31.1)

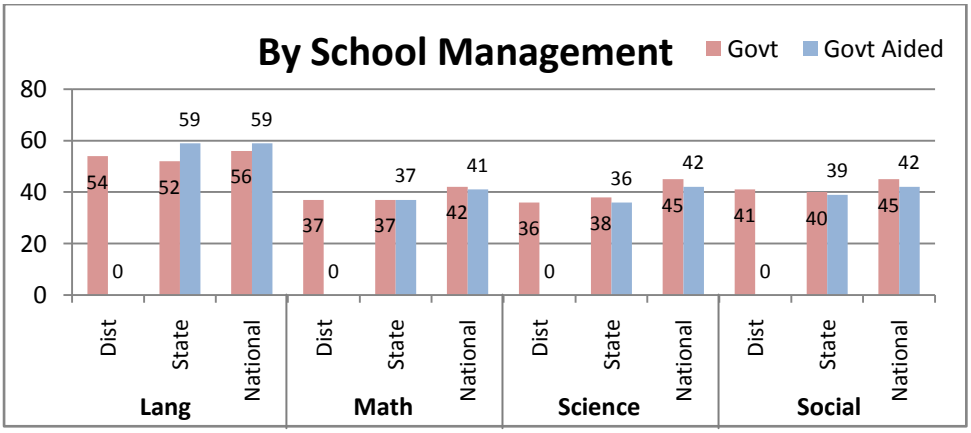
CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

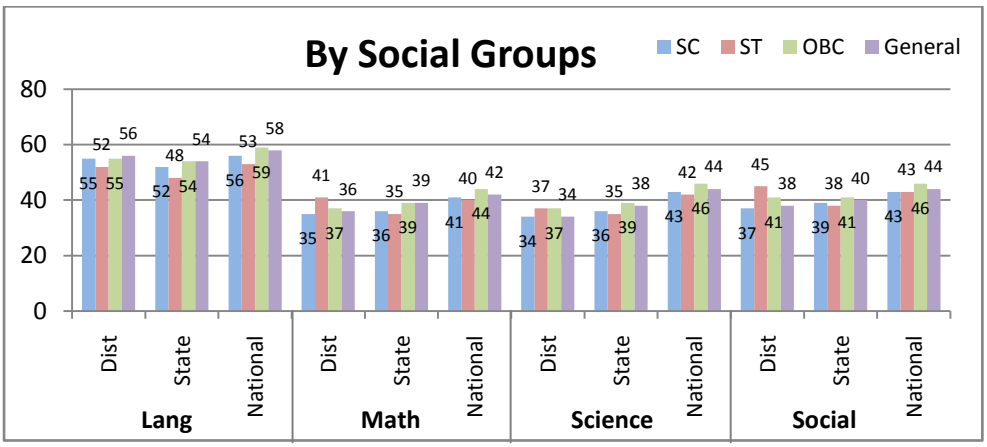
Class 8 District Results by Student Groups

Performance

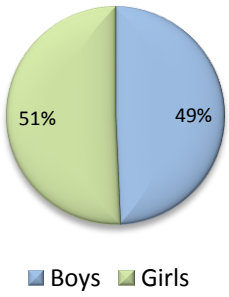


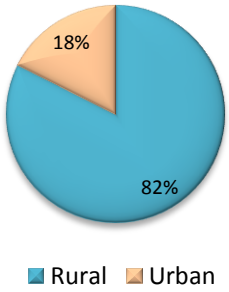


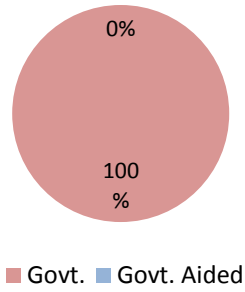


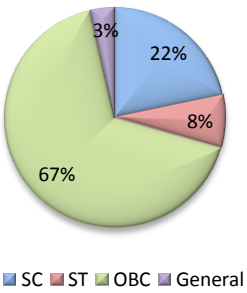


Participation

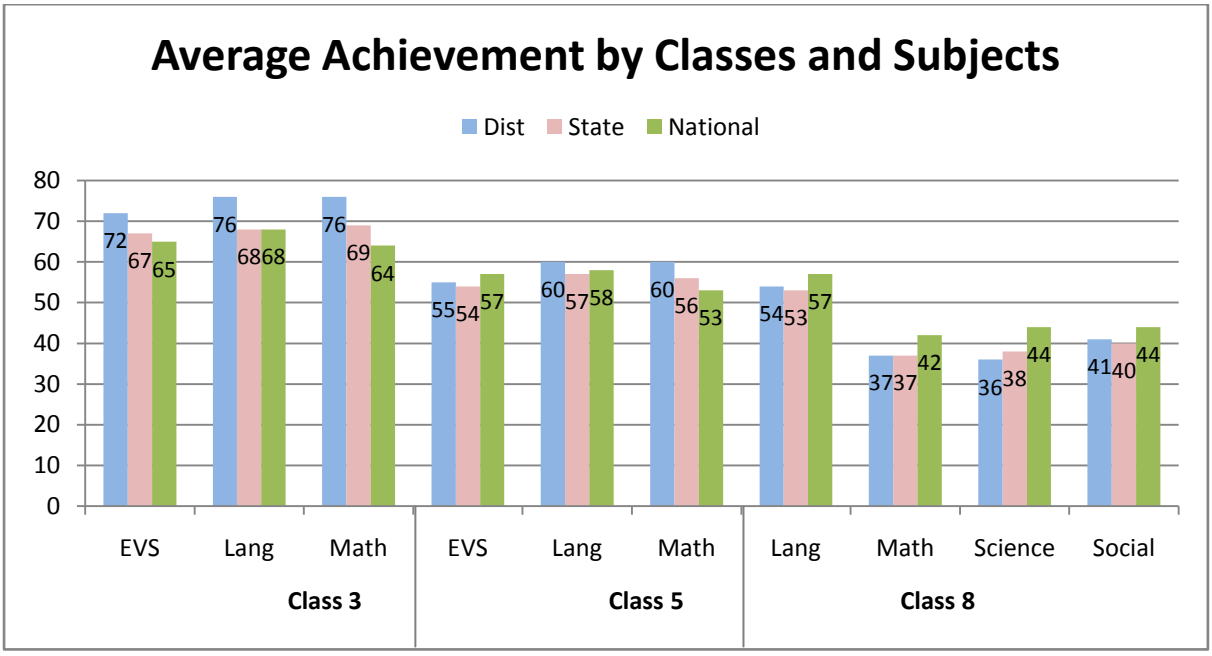


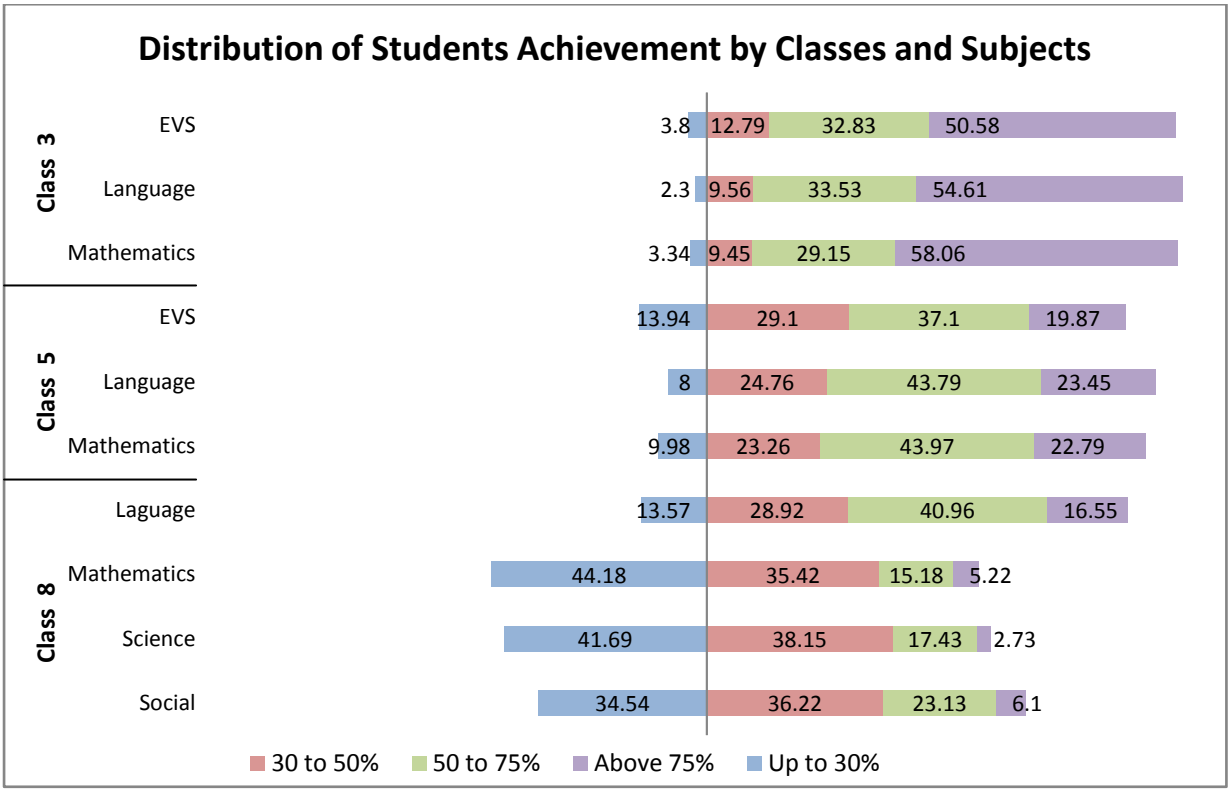






WANAPARTHY


Average Achievement by Classes and Subjects
Dist
State
National
80
70
60
50
40
30
20
10
0
72 67 65
76 68 68
76 69 64
55 54 57
60 57 58
60 56 53
54 53 57
37 37 42
36 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
3.8 12.79 32.83 50.58
2.3 9.56 33.53 54.61
3.34 9.45 29.15 58.06
13.94 29.1 37.1 19.87
8 24.76 43.79 23.45
9.98 23.26 43.97 22.79
13.57 28.92 40.96 16.55
44.18 35.42 15.18 5.22
41.69 38.15 17.43 2.73
34.54 36.22 23.13 6.1
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: Math, Science & Social

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

By School Location

Rural Area

Performed better in

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

Urban Area

Performed better in

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

By School Management

Government

Performed better in

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

Government Aided

Performed better in

Class 3:
Class 5:
Class 8:

By Social Groups

SC

First in

Class 3: EVS
Class 5:
Class 8:

ST

First in

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

OBC

First in

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

General

First in

Class 3:
Class 5: Language
Class 8: Language

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

WANAPARTHY

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