



# NAS 2017

## NATIONAL ACHIEVEMENT SURVEY

**Class : 3, 5 and 8**

# District Report

## SURYAPET, 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 2668 students and 169 schools are from Suryapet 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.



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










District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Suryapet
<b>Class:</b> 3	<b>Subject:</b> EVS
<b>Schools:</b> 59	<b>Students:</b> 761

### Participation/Coverage

#### Students

<b>GENDER</b> 	Boys		Girls					
	Number	%	Number	%				
	325	42.71	436	57.29				
<b>AREA</b> 	Rural		Urban					
	Number	%	Number	%				
	673	88.44	88	11.56				
<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	226	29.70	149	19.58	383	50.33	3	0.39
<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth		
	1	1	2	3	4	1		
<b>Management</b> 	Government		Government-aided					
	Number	%	Number	%				
	716	94.09	45	5.91				

### Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>63.05</b>	<b>63.90</b>	<b>62.42</b>	<b>63.59</b>	<b>58.94</b>	<b>63.77</b>	<b>51.56</b>	<b>64.93</b>	<b>57.58</b>	<b>64.06</b>	<b>64.44</b>

## 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.	42.44
E303	Identifies relationships with and among family members	48.83
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	66.49
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	71.35
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)	64.16
E309	Identifies directions, location of objects/places in simple maps using signs/symbols/verbally	53.72
E310	Guesses properties, estimates quantities of materials/activities in daily life and verifies using symbols/non-standard units	62.02
E311	Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc.	59.53
E313	Observes rules in games (local, indoor, outdoor)	42.08
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.	75.16

### Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
72	9.46	145	19.05	305	40.08	239	31.41






### Lowest Performing Learning Outcomes (LOs)

- 1 - Observes rules in games (local, indoor, outdoor) (42.08)
- 2 - Identifies simple features (e.g. movement, at places found/ kept, eating habits, sounds) of animals and birds in the immediate surroundings. (42.44)
- 3 - Identifies relationships with and among family members (48.83)
- 4 - Identifies directions, location of objects/places in simple maps using signs/symbols/verbally (53.72)
- 5 - Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc. (59.53)

District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Suryapet
<b>Class:</b> 3	<b>Subject:</b> Language
<b>Schools:</b> 59	<b>Students:</b> 761

### Participation/Coverage

#### Students

<b>GENDER</b> 	Boys		Girls					
	Number	%	Number	%				
	325	42.71	436	57.29				
<b>AREA</b> 	Rural		Urban					
	Number	%	Number	%				
	673	88.44	88	11.56				
<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	226	29.70	149	19.58	383	50.33	3	0.39
<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth		
	1	1	2	3	4	1		
<b>Management</b> 	Government		Government-aided					
	Number	%	Number	%				
	716	94.09	45	5.91				

### Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>65.73</b>	<b>64.78</b>	<b>66.44</b>	<b>67.66</b>	<b>50.98</b>	<b>66.64</b>	<b>51.26</b>	<b>68.50</b>	<b>62.68</b>	<b>65.20</b>	<b>75.56</b>

## 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	65.60
L312	Reads printed scripts on the classroom walls: poems, posters, charts etc.	65.99

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
59	7.75	141	18.53	264	34.69	297	39.03






### Lowest Performing Learning Outcomes (LOs)

- 1 - Reads small texts with comprehension i.e., identifies main ideas, details, sequence and draws conclusions (65.60)
- 2 - Reads printed scripts on the classroom walls: poems, posters, charts etc. (65.99)

District Report Card: 2017			
<b>State:</b> Telangana		<b>District:</b> Suryapet	
<b>Class:</b> 3		<b>Subject:</b> Mathematics	
<b>Schools:</b> 59		<b>Students:</b> 761	

### Participation/Coverage

#### Students

<b>GENDER</b> 	Boys				Girls			
	Number		%		Number		%	
	325		42.71		436		57.29	
<b>AREA</b> 	Rural				Urban			
	Number		%		Number		%	
	673		88.44		88		11.56	
<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	226	29.70	149	19.58	383	50.33	3	0.39
<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth		
	1	1	2	3	4	1		
<b>Management</b> 	Government				Government-aided			
	Number		%		Number		%	
	716		94.09		45		5.91	

### Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>65.96</b>	<b>66.05</b>	<b>65.89</b>	<b>66.87</b>	<b>58.94</b>	<b>66.61</b>	<b>55.56</b>	<b>70.09</b>	<b>58.84</b>	<b>66.41</b>	<b>51.11</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	68.62
M302	Compares numbers up to 999 based on their place values	80.29
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	63.49
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	60.91
M305	Analyses and applies an appropriate number operation in the situation/ context	60.84
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	65.97
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	79.14
M311	Fills a given region leaving no gaps using a tile of a given shape	51.33
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	36.62
M317	Reads the time correctly to the hour using a clock/watch	61.50
M318	Extends patterns in simple shapes and numbers	63.10
M319	Records data using tally marks, represents pictorially and draws conclusions	82.79

### Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
42	5.52	154	20.24	291	38.24	274	36.01

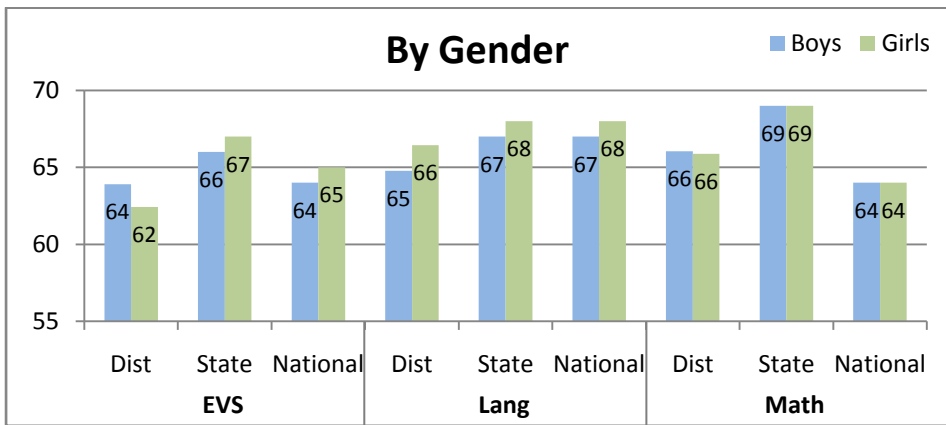
### Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (36.62)
- 2 - Fills a given region leaving no gaps using a tile of a given shape (51.33)
- 3 - Analyses and applies an appropriate number operation in the situation/ context (60.84)
- 4 - Constructs and uses the multiplication facts (up till 10) in daily life situations (60.91)
- 5 - Reads the time correctly to the hour using a clock/watch (61.50)

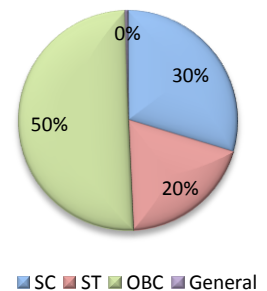
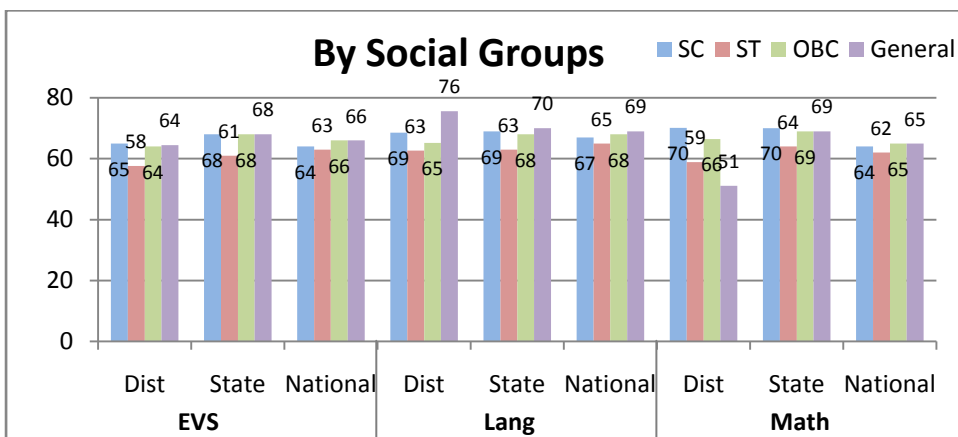
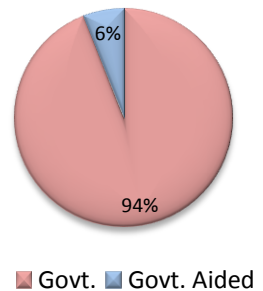
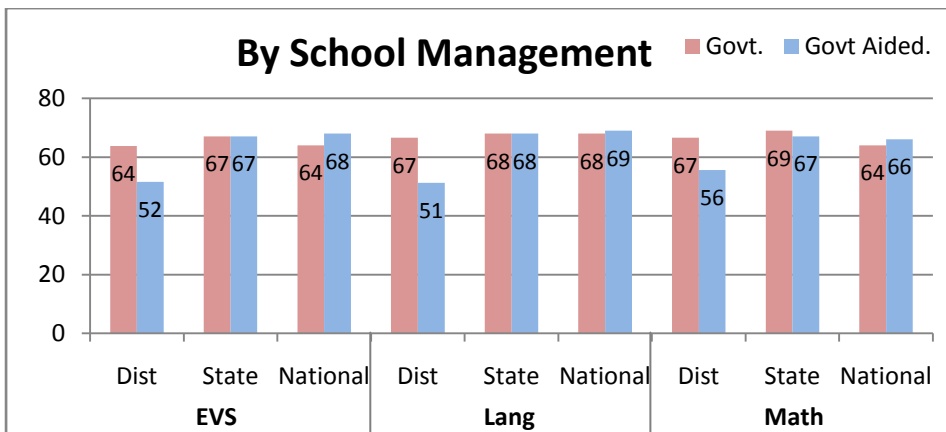
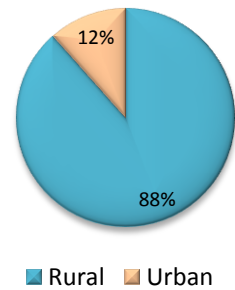
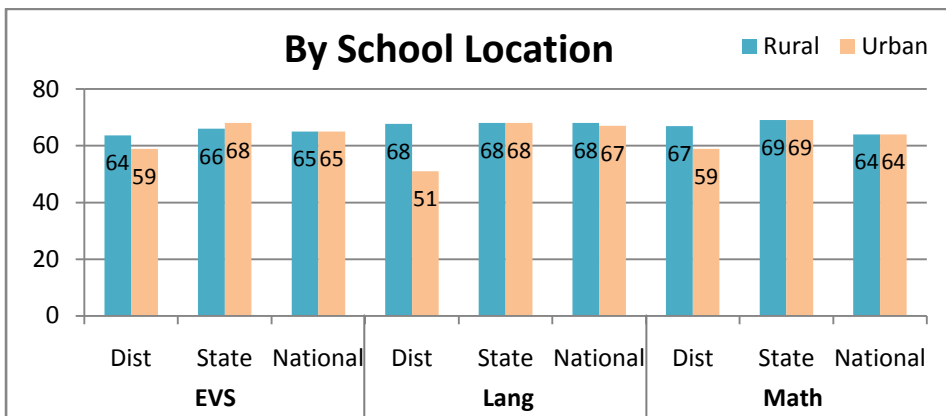
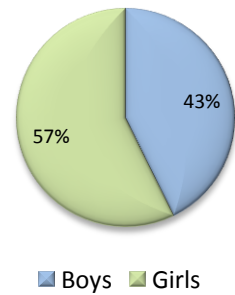


# Class 3 District Results by Student Groups

## Performance








## Participation



District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Suryapet
<b>Class:</b> 5	<b>Subject:</b> EVS
<b>Schools:</b> 59	<b>Students:</b> 748

### Participation/Coverage

#### Students

<b>GENDER</b> 	Boys				Girls			
	Number		%		Number		%	
	349		46.66		399		53.34	
<b>AREA</b> 	Rural				Urban			
	Number		%		Number		%	
	697		93.18		51		6.82	
<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	258	34.49	79	10.56	400	53.48	11	1.47
<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth		
	2	0	1	1	8	2		
<b>Management</b> 	Government				Government-aided			
	Number		%		Number		%	
	732		97.86		16		2.14	

### Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>53.55</b>	<b>55.22</b>	<b>52.08</b>	<b>54.53</b>	<b>40.13</b>	<b>53.88</b>	<b>38.33</b>	<b>52.35</b>	<b>43.97</b>	<b>56.30</b>	<b>50.30</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
E403	Identifies relationship with and among family members in extended family	57.49
E410	Records observations/experiences/information for objects, activities, phenomena, places visited in different ways and predicts patterns and activities/ phenomena	62.30
E501	Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc.	43.32
E503	Describes the interdependence among animals, plants and humans	49.33
E504	Explains the role and functions of different institutions in daily life (Bank, Panchayat, cooperatives, police station, etc.)	64.44
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)	29.14
E506	Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc.	29.41
E507	Traces the changes in practices, customs, techniques of past and present through coins, paintings, monuments, museum etc. and interacting with elders	52.41
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	50.91
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.	54.28
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	56.95
E512	Voices opinions on issues observed/experienced and relates practices /happenings to larger issues of society	58.02
E513	Suggests ways for hygiene, health, managing waste, disaster/emergency situations and protecting/saving resources	61.05

### Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
114	15.24	213	28.48	298	39.84	123	16.44

### 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) (29.14)

2 - Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc. (29.41)

3 - Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc. (43.32)

4 - Describes the interdependence among animals, plants and humans (49.33)






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 (50.91)

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

District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Suryapet
<b>Class:</b> 5	<b>Subject:</b> Language
<b>Schools:</b> 59	<b>Students:</b> 748

### Participation/Coverage

#### Students

<b>GENDER</b> 	Boys		Girls					
	Number	%	Number	%				
	349	46.66	399	53.34				
<b>AREA</b> 	Rural		Urban					
	Number	%	Number	%				
	697	93.18	51	6.82				
<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	258	34.49	79	10.56	400	53.48	11	1.47
<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth		
	2	0	1	1	8	2		
<b>Management</b> 	Government		Government-aided					
	Number	%	Number	%				
	732	97.86	16	2.14				

### Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>56.00</b>	<b>56.49</b>	<b>55.57</b>	<b>56.62</b>	<b>47.45</b>	<b>56.28</b>	<b>42.92</b>	<b>54.44</b>	<b>50.13</b>	<b>58.25</b>	<b>52.73</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
L504	Reads and comprehends independently storybooks, news items/ headlines, advertisements etc.	56.28
L508	Reads text with comprehension, locates details and sequence of events	55.86

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
91	12.17	198	26.47	329	43.98	130	17.38






### Lowest Performing Learning Outcomes (LOs)

- 1 - Reads text with comprehension, locates details and sequence of events (55.86)
- 2 - Reads and comprehends independently storybooks, news items/ headlines, advertisements etc. (56.28)

District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Suryapet
<b>Class:</b> 5	<b>Subject:</b> Mathematics
<b>Schools:</b> 59	<b>Students:</b> 748

### Participation/Coverage

#### Students

<b>GENDER</b> 	Boys		Girls					
	Number	%	Number	%				
	349	46.66	399	53.34				
<b>AREA</b> 	Rural		Urban					
	Number	%	Number	%				
	697	93.18	51	6.82				
<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	258	34.49	79	10.56	400	53.48	11	1.47
<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth		
	2	0	1	1	8	2		
<b>Management</b> 	Government		Government-aided					
	Number	%	Number	%				
	732	97.86	16	2.14				

### Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>56.96</b>	<b>59.12</b>	<b>55.07</b>	<b>58.39</b>	<b>37.39</b>	<b>57.44</b>	<b>35.00</b>	<b>54.32</b>	<b>53.25</b>	<b>59.40</b>	<b>56.97</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	51.47
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	36.90
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	63.46
M421	Represent the collected information in tables and bar graphs and draws inferences from these	71.93
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	71.39
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	59.63
M505	Finds the number corresponding to part of a collection	57.22
M506	Identifies and forms equivalent fractions of a given fraction	54.81
M508	Converts fractions into decimals and vice versa	62.83
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	58.38
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	57.75
M513	Estimates the volume of a solid body in known units.	43.85
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	51.93
M515	Identifies the pattern in triangular numbers and square number	49.47
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	52.94

### Range of Performance of Students who Answered Correctly

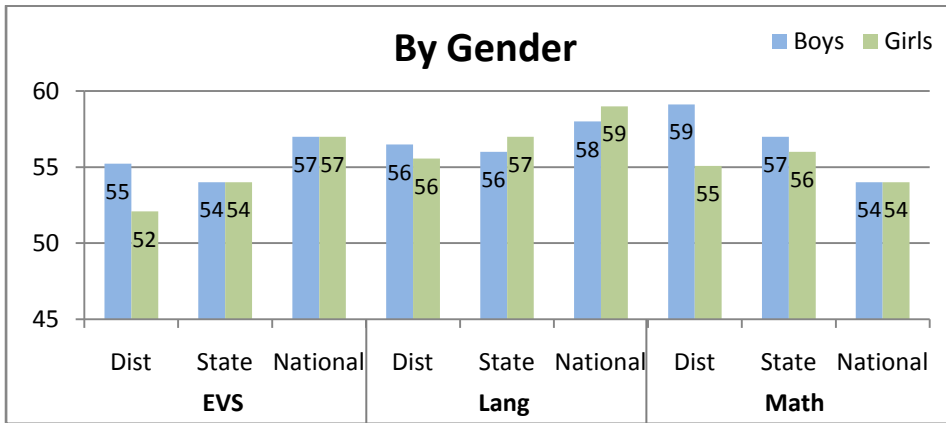
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
92	12.30	209	27.94	265	35.43	182	24.33

### Lowest Performing Learning Outcomes (LOs)

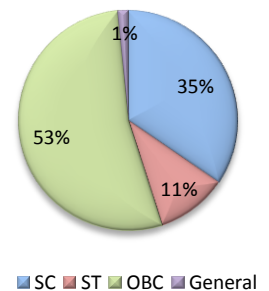
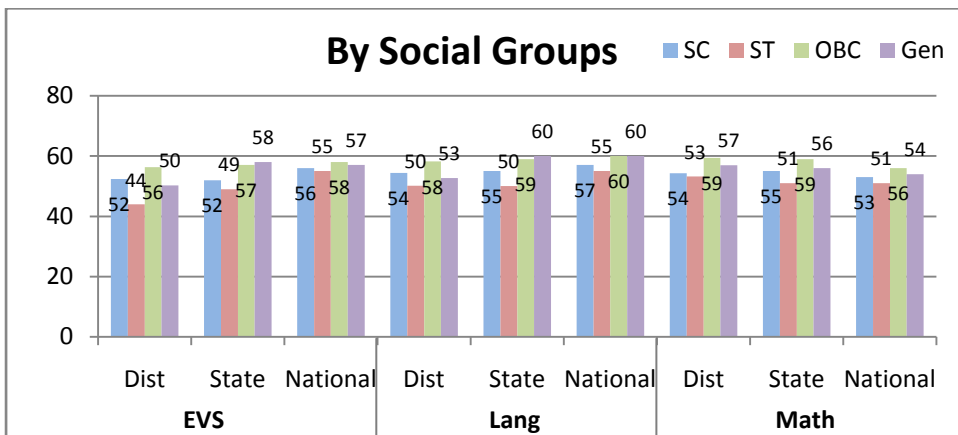
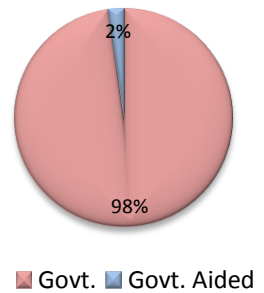
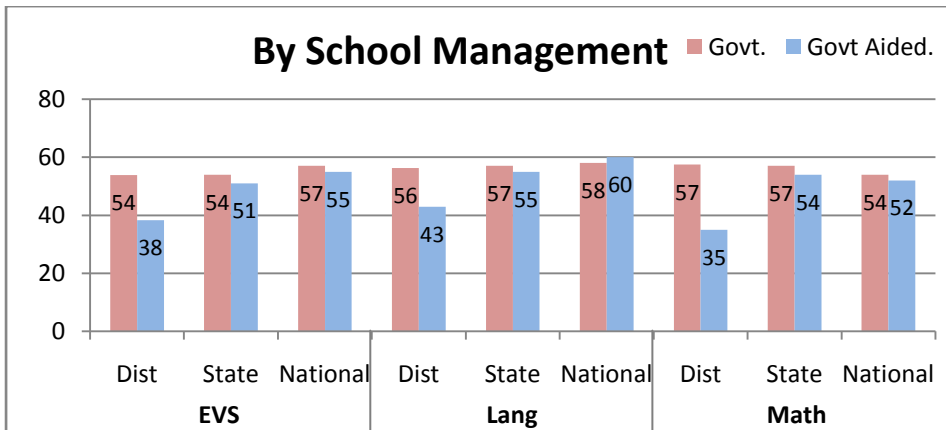
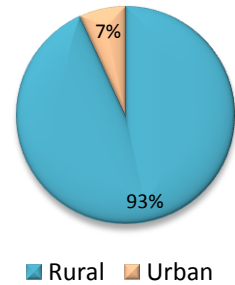
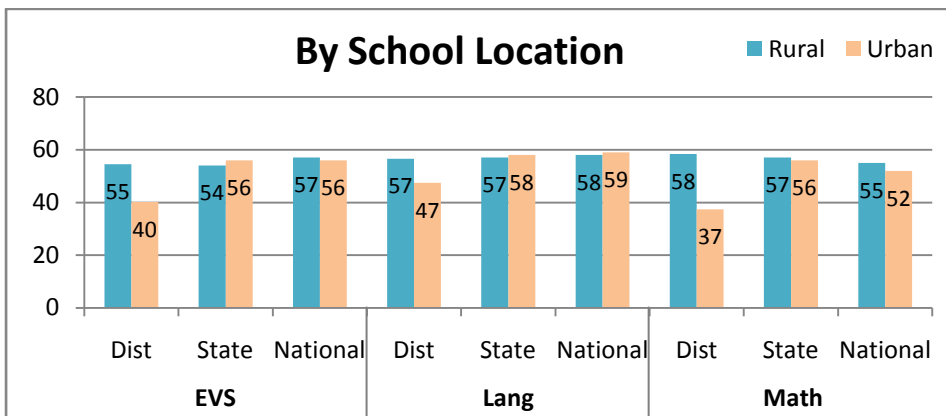
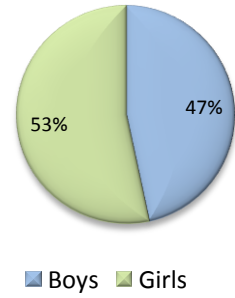
- 1 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (36.90)
- 2 - Estimates the volume of a solid body in known units. (43.85)
- 3 - Identifies the pattern in triangular numbers and square number (49.47)
- 4 - Applies operations of numbers in daily life situations (51.47)
- 5 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (51.93)

# Class 5 District Results by Student Groups

## Performance



## Participation








District Report Card: 2017			
<b>State:</b> Telangana		<b>District:</b> SURYAPET	
<b>Class:</b> 8		<b>Subject:</b> Language	
<b>Schools:</b> 51		<b>Students:</b> 1159	

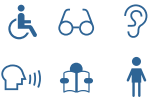
### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	473	40.81	686	59.19

 AREA	Rural		Urban	
	Number	%	Number	%
	1004	86.63	155	13.37

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	374	32.27	248	21.40	529	45.64	8	0.69

 CWSN	LD	VI	HI	S&LD	ID	Oth
	1	1	1	1	3	23

 MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1103	95.17	56	4.83

### Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>50.41</b>	<b>49.78</b>	<b>50.85</b>	<b>50.52</b>	<b>49.72</b>	<b>49.89</b>	<b>60.60</b>	<b>48.88</b>	<b>48.49</b>	<b>52.19</b>	<b>64.17</b>

## 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	50.41

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
218	18.81	368	31.75	433	37.36	140	12.08

### 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 (50.41)


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


District Report Card: 2017			
<b>State:</b> Telangana		<b>District:</b> SURYAPET	
<b>Class:</b> 8		<b>Subject:</b> Mathematics	
<b>Schools:</b> 51		<b>Students:</b> 1159	


### Participation/Coverage


#### Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	473	40.81	686	59.19

AREA 	Rural		Urban	
	Number	%	Number	%
	1004	86.63	155	13.37

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	374	32.27	248	21.40	529	45.64	8	0.69

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	1	1	1	3	23

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1103	95.17	56	4.83

### Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>33.93</b>	<b>32.67</b>	<b>34.79</b>	<b>35.07</b>	<b>26.54</b>	<b>34.11</b>	<b>30.36</b>	<b>33.37</b>	<b>35.38</b>	<b>33.55</b>	<b>40.00</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	31.72
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	30.34
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.	30.41
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	36.55
M702	Interprets the division and multiplication of fractions	32.44
M705	Solves problems related to daily life situations involving rational numbers	37.62
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers.	29.02
M707	Adds/subtracts algebraic expressions	37.10
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	21.24
M717	Finds out approximate area of closed shapes by using unit square grid/ graph sheet	28.79
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	42.97
M721	Interprets data using bar graph such as consumption of electricity is more in winters than summer	43.87
M801	Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns	26.25
M802	Finds rational numbers between two given rational numbers	34.20
M803	Proves divisibility rules of 2, 3,4, 5, 6, 9 and 11	43.97
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods.	31.78
M808	Use various algebraic identities in solving problems of daily life.	49.57
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	24.29
M818	Finds surface area and volume of cuboidal and cylindrical object	30.22
M819	Draws and interprets bar charts and pie charts	35.63

### Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
542	46.76	423	36.50	157	13.55	37	3.19

## **Lowest Performing Learning Outcomes (LOs)**


1. Solves problems related to conversion of percentage to fraction and decimal and vice versa (21.24)
2. Verifies properties of parallelogram and establishes the relationship between them through reasoning (24.29)
3. Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns (26.25)
4. Finds out approximate area of closed shapes by using unit square grid/ graph sheet (28.79)
5. Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers. (29.02)


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


District Report Card: 2017			
<b>State:</b> Telangana		<b>District:</b> SURYAPET	
<b>Class:</b> 8		<b>Subject:</b> Science	
<b>Schools:</b> 51		<b>Students:</b> 1159	


### Participation/Coverage


#### Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	473	40.81	686	59.19

AREA 	Rural		Urban	
	Number	%	Number	%
	1004	86.63	155	13.37

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	374	32.27	248	21.40	529	45.64	8	0.69

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	1	1	1	3	23

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1103	95.17	56	4.83

### Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>34.27</b>	<b>34.46</b>	<b>34.14</b>	<b>35.17</b>	<b>28.47</b>	<b>34.28</b>	<b>34.17</b>	<b>32.94</b>	<b>35.46</b>	<b>34.52</b>	<b>43.33</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.61
SCI704	Conducts simple investigation to seek answers to queries	19.24
SCI705	Relates processes and phenomenon with causes	45.69
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	30.11
SCI710	Plots and interprets graphs	27.24
SCI711	Constructs models using materials from surroundings and explains their working	23.45
SCI801	Differentiates materials, organism and processes	27.81
SCI804	Relates processes and phenomenon with causes	43.28
SCI805	Explains processes and phenomenon	34.69
SCI807	Measures angles of incidence and reflection, etc.	29.16
SCI811	Applies learning of scientific concepts in day-to-day life	42.62
SCI813	Makes efforts to protect environment	52.29

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
515	44.43	455	39.26	167	14.41	22	1.90


### Lowest Performing Learning Outcomes (LOs)


1. Conducts simple investigation to seek answers to queries (19.24)
2. Constructs models using materials from surroundings and explains their working (23.45)
3. Plots and interprets graphs (27.24)
4. Differentiates materials, organism and processes (27.81)
5. Measures angles of incidence and reflection, etc. (29.16)


District Report Card: 2017			
<b>State:</b> Telangana		<b>District:</b> SURYAPET	
<b>Class:</b> 8		<b>Subject:</b> Social Science	
<b>Schools:</b> 51		<b>Students:</b> 1159	


### Participation/Coverage


#### Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	473	40.81	686	59.19

AREA 	Rural		Urban	
	Number	%	Number	%
	1004	86.63	155	13.37

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	374	32.27	248	21.40	529	45.64	8	0.69

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	1	1	1	3	23

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1103	95.17	56	4.83

### Average Performance of Students in SST (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>35.53</b>	<b>34.79</b>	<b>36.04</b>	<b>36.07</b>	<b>32.04</b>	<b>35.39</b>	<b>38.33</b>	<b>33.62</b>	<b>37.39</b>	<b>35.90</b>	<b>42.50</b>



## 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	51.08
SST610	Locates important historical sites, places on an outline map of India	18.31
SST625	Describes the functioning of rural and urban local government bodies in sectors like health and education	33.68
SST703	Explains preventive actions to be undertaken in the event of disasters	28.73
SST704	Describes formation of landforms due to various factors	40.07
SST722	Explains the significance of equality in democracy	33.28
SST726	Describes the process of election to the legislative assembly	53.10
SST731	Explains the functioning of media with appropriate examples from newspapers.	36.72
SST733	Differentiates between different kinds of markets	41.11
SST734	Traces how goods travel through various market places.	38.62
SST802	Describes major crops, types of farming and agricultural practices in her/his own area/state	57.64
SST805	Locates distribution of important minerals e.g. coal and mineral oil on the world map	28.62
SST807	Justifies judicious use of natural resources	40.24
SST809	Draws interrelationship between types of farming and development in different regions of the world	32.59
SST810	Distinguishes the modern period from the medieval and the ancient periods through the use of sources	40.17
SST815	Explains the origin, nature and spread of the revolt of 1857 and the lessons learned from it	32.64
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	28.30
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	24.42
SST823	Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation	22.26
SST827	Describes the process of making a law. (e.g. Domestic Violence Act, RTI Act, RTE Act)	28.32
SST831	Identifies the role of Government in providing public facilities such as water, sanitation, road, electricity etc., and recognizes their availability	27.14
SST833	Draws bar diagram to show population of different countries/India/states	55.69

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
490	42.28	444	38.31	191	16.48	34	2.93

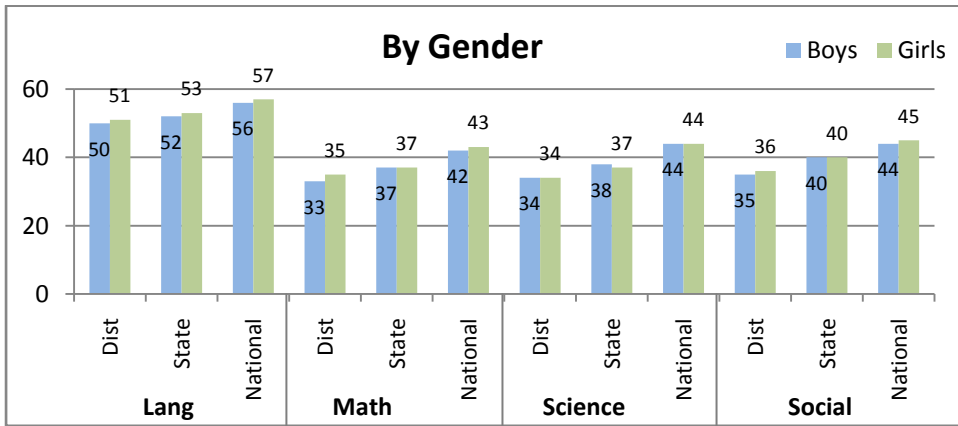
### Lowest Performing Learning Outcomes (LOs)

1. Locates important historical sites, places on an outline map of India (18.31)
2. Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation (22.26)
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 (24.42)
4. Identifies the role of Government in providing public facilities such as water, sanitation, road, electricity etc., and recognizes their availability (27.14)
5. 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 (28.3)

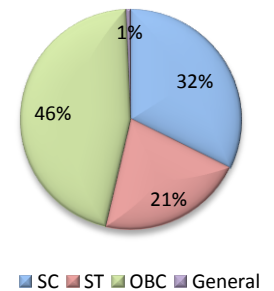
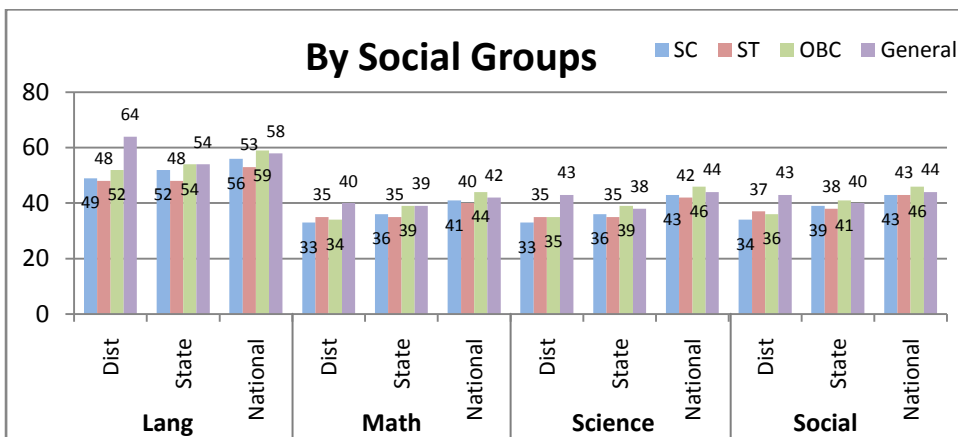
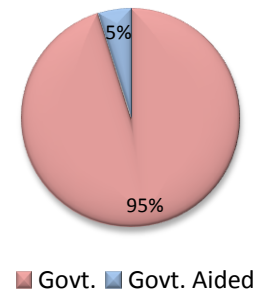
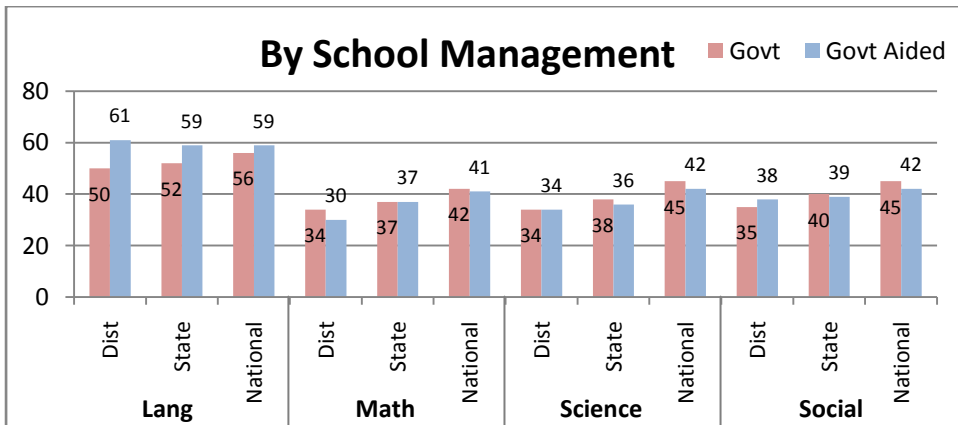
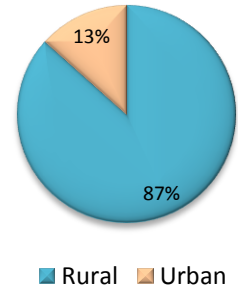
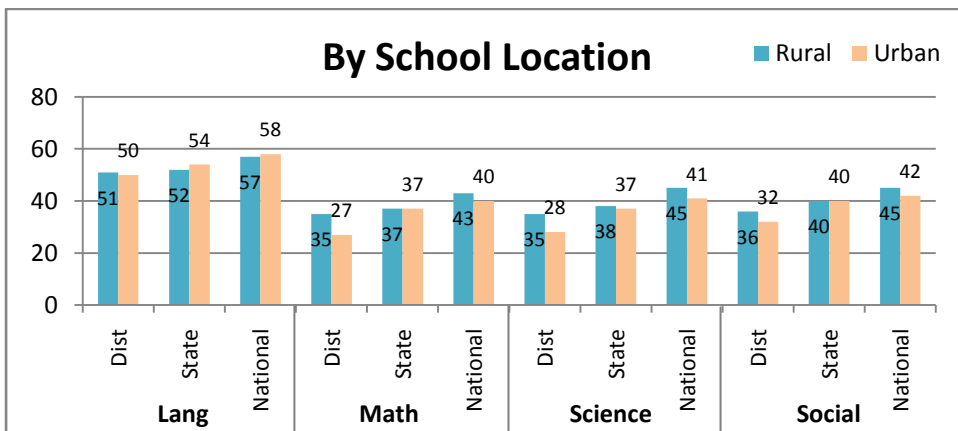
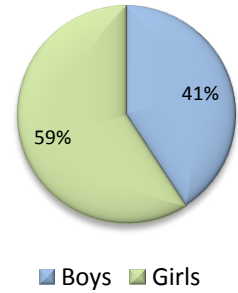
**CSWN:** **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment;  
**S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

# Class 8 District Results by Student Groups

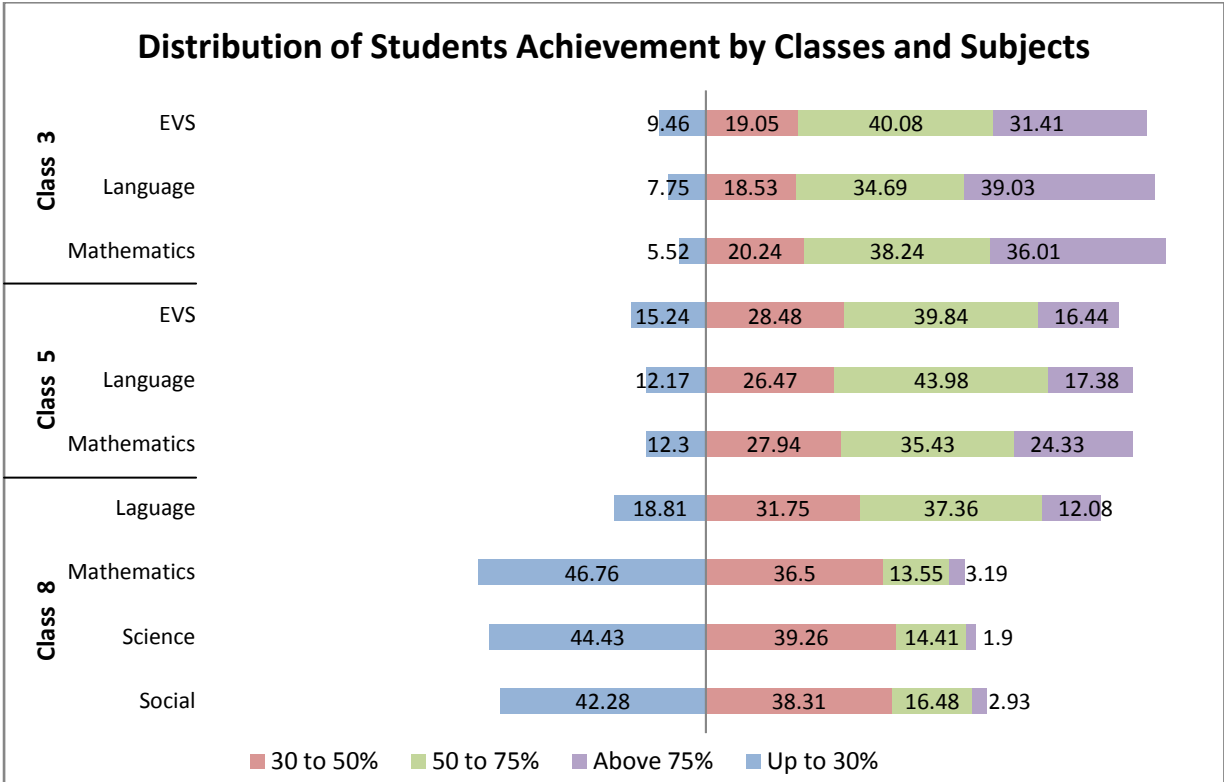
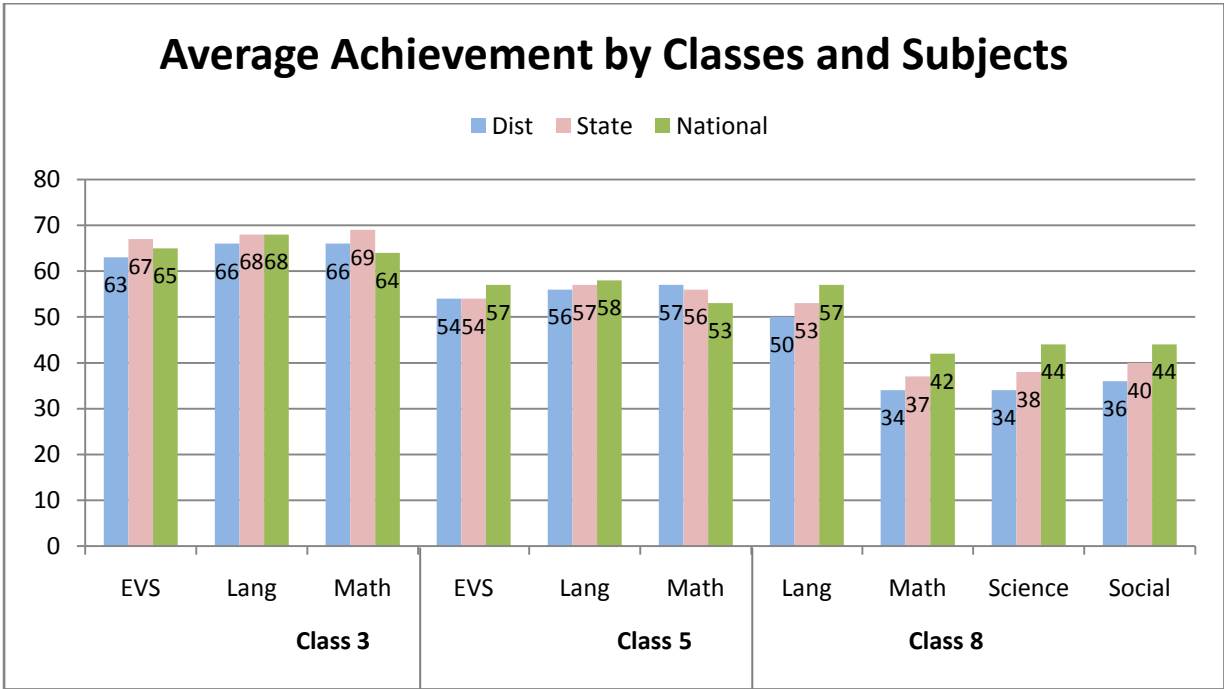
## Performance



## Participation



# SURYAPET



## By Gender

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

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



## By School Location

Rural Area



Performed better in

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

Urban Area



Performed better in

Class 3:  
Class 5:  
Class 8:

## By School Management

### Government



Performed better in

Class 3: EVS, Language & Math

Class 5: EVS, Language & Math

Class 8: Math & Science

### Government Aided



Performed better in

Class 3:

Class 5:

Class 8: Language, Science & Social

## By Social Groups

### SC



First in

Class 3: EVS & Math

Class 5:

Class 8:

### ST



First in

Class 3:

Class 5:

Class 8:

### OBC



First in

Class 3:

Class 5: EVS, Language & Math

Class 8:

### General



First in

Class 3: Language

Class 5:

Class 8: Language, Math, Science & Social

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

**SURYAPET**

<b>Class</b>	<b>Subject</b>	<b>Learning Outcome</b>
Class 3	Language	Nil
	EVS	E302, E303, E313
	Mathematics	M312
Class 5	Language	Nil
	EVS	E501, E503, E505, E506
	Mathematics	M412, M513, M515
Class 8	Language	Nil
	Mathematics	M601, M606, M620, M621, M705, M706, M707, M710, M717, M719, M721, M801, M802, M803, M804, M808, M812, M818, M819
	Science	SCI703, SCI704, SCI705, SCI708, SCI710, SCI711, SCI801, SCI804, SCI805, SCI807, SCI811
	Social Studies	SST610, SST625, SST703, SST704, SST722, SST731, SST733, SST734, SST805, SST807, SST809, SST810, SST815, SST816, SST818, SST823, SST827, SST831