



# NAS 2017

## NATIONAL ACHIEVEMENT SURVEY

### Class : 3, 5 and 8

# District Report

## SIDDIPET, 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 3035 students and 173 schools are from Siddipet 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> Siddipet |
| <b>Class:</b> 3            | <b>Subject:</b> EVS       |
| <b>Schools:</b> 61         | <b>Students:</b> 854      |

### Participation/Coverage

#### Students

|  |            |        |                  |       |        |       |        |      |
|--|------------|--------|------------------|-------|--------|-------|--------|------|
| <b>GENDER</b><br>       | Boys       |        | Girls            |       |        |       |        |      |
|  | Number     | %      | Number           | %     |        |       |        |      |
|  | 388        | 45.43  | 466              | 54.57 |        |       |        |      |
| <b>AREA</b><br>        | Rural      |        | Urban            |       |        |       |        |      |
|  | Number     | %      | Number           | %     |        |       |        |      |
|  | 790        | 92.51  | 64               | 7.49  |        |       |        |      |
| <b>CATEGORY</b><br>   | SC         |        | ST               |       | OBC    |       | GEN    |      |
|  | Number     | %      | Number           | %     | Number | %     | Number | %    |
|  | 192        | 22.48  | 23               | 2.69  | 611    | 71.55 | 28     | 3.28 |
| <b>CWSN</b><br>       | LD         | VI     | HI               | S&LD  | ID     | Oth   |        |      |
|  | 1          | 2      | 0                | 8     | 7      | 1     |        |      |
| <b>Management</b><br> | Government |        | Government-aided |       |        |       |        |      |
|  | Number     | %      | Number           | %     |        |       |        |      |
|  | 854        | 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          |
| <b>75.89</b> | <b>75.19</b> | <b>76.47</b> | <b>75.33</b> | <b>82.71</b> | <b>75.89</b> | <b>0.00</b> | <b>74.48</b> | <b>81.74</b> | <b>75.88</b> | <b>80.95</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.  | 60.07                  |
| E303              | Identifies relationships with and among family members  | 64.54                  |
| 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 | 77.91                  |
| 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  | 81.56                  |
| 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)  | 79.30                  |
| E309              | Identifies directions, location of objects/places in simple maps using signs/symbols/verbally   | 69.14                  |
| E310              | Guesses properties, estimates quantities of materials/activities in daily life and verifies using symbols/non-standard units  | 77.17                  |
| E311              | Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc.  | 70.96                  |
| E313              | Observes rules in games (local, indoor, outdoor)  | 52.01                  |
| 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.   | 85.48                  |

### Range of Performance of Students who Answered Correctly

| Below 30% |      | 30% - 50% |      | 50% - 75% |       | Above 75% |       |
|-----------|------|-----------|------|-----------|-------|-----------|-------|
| Number    | %    | Number    | %    | Number    | %     | Number    | %     |
| 42        | 4.92 | 65        | 7.61 | 238       | 27.87 | 509       | 59.60 |


### Lowest Performing Learning Outcomes (LOs)


- 1 - Observes rules in games (local, indoor, outdoor) (52.01)
- 2 - Identifies simple features (e.g. movement, at places found/ kept, eating habits, sounds) of animals and birds in the immediate surroundings. (60.07)
- 3 - Identifies relationships with and among family members (64.54)
- 4 - Identifies directions, location of objects/places in simple maps using signs/symbols/verbally (69.14)
- 5 - Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc. (70.96)


| District Report Card: 2017 |                           |
|----------------------------|---------------------------|
| <b>State:</b> Telangana    | <b>District:</b> Siddipet |
| <b>Class:</b> 3            | <b>Subject:</b> Language  |
| <b>Schools:</b> 61         | <b>Students:</b> 854      |


### Participation/Coverage


#### Students

| GENDER<br> | Boys   |       | Girls  |       |
|---|--------|-------|--------|-------|
|   | Number | %     | Number | %     |
|   | 388    | 45.43 | 466    | 54.57 |

| AREA<br> | Rural  |       | Urban  |      |
|--|--------|-------|--------|------|
|  | Number | %     | Number | %    |
|  | 790    | 92.51 | 64     | 7.49 |

| CATEGORY<br> | SC     |       | ST     |      | OBC    |       | GEN    |      |
|---|--------|-------|--------|------|--------|-------|--------|------|
|   | Number | %     | Number | %    | Number | %     | Number | %    |
|   | 192    | 22.48 | 23     | 2.69 | 611    | 71.55 | 28     | 3.28 |

| CWSN<br> | LD | VI | HI | S&LD | ID | Oth |
|---|----|----|----|------|----|-----|
|   | 1  | 2  | 0  | 8    | 7  | 1   |

| Management<br> | Government |        | Government-aided |      |
|---|------------|--------|------------------|------|
|   | Number     | %      | Number           | %    |
|   | 854        | 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          |
| <b>76.66</b> | <b>76.96</b> | <b>76.41</b> | <b>76.05</b> | <b>84.17</b> | <b>76.66</b> | <b>0.00</b> | <b>74.55</b> | <b>73.33</b> | <b>77.00</b> | <b>86.43</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 | 75.67                  |
| L312              | Reads printed scripts on the classroom walls: poems, posters, charts etc.                                 | 78.64                  |

| Range of Performance of Students who Answered Correctly |      |           |      |           |       |           |       |
|---|------|-----------|------|-----------|-------|-----------|-------|
| Below 30%   |      | 30% - 50% |      | 50% - 75% |       | Above 75% |       |
| Number  | %    | Number    | %    | Number    | %     | Number    | %     |
| 33  | 3.86 | 65        | 7.61 | 258       | 30.21 | 498       | 58.31 |






### Lowest Performing Learning Outcomes (LOs)

- 1 - Reads small texts with comprehension i.e., identifies main ideas, details, sequence and draws conclusions (75.67)
- 2 - Reads printed scripts on the classroom walls: poems, posters, charts etc. (78.64)

| District Report Card: 2017 |  |                             |  |
|----------------------------|--|-----------------------------|--|
| <b>State:</b> Telangana    |  | <b>District:</b> Siddipet   |  |
| <b>Class:</b> 3            |  | <b>Subject:</b> Mathematics |  |
| <b>Schools:</b> 61         |  | <b>Students:</b> 854        |  |

### Participation/Coverage

#### Students

|  |            |       |        |      |                  |       |        |      |
|--|------------|-------|--------|------|------------------|-------|--------|------|
| <b>GENDER</b><br>       | Boys       |       |        |      | Girls            |       |        |      |
|  | Number     |       | %      |      | Number           |       | %      |      |
|  | 388        |       | 45.43  |      | 466              |       | 54.57  |      |
| <b>AREA</b><br>        | Rural      |       |        |      | Urban            |       |        |      |
|  | Number     |       | %      |      | Number           |       | %      |      |
|  | 790        |       | 92.51  |      | 64               |       | 7.49   |      |
| <b>CATEGORY</b><br>   | SC         |       | ST     |      | OBC              |       | GEN    |      |
|  | Number     | %     | Number | %    | Number           | %     | Number | %    |
|  | 192        | 22.48 | 23     | 2.69 | 611              | 71.55 | 28     | 3.28 |
| <b>CWSN</b><br>       | LD         | VI    | HI     | S&LD | ID               | Oth   |        |      |
|  | 1          | 2     | 0      | 8    | 7                | 1     |        |      |
| <b>Management</b><br> | Government |       |        |      | Government-aided |       |        |      |
|  | Number     |       | %      |      | Number           |       | %      |      |
|  | 854        |       | 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          |
| <b>75.97</b> | <b>76.19</b> | <b>75.79</b> | <b>75.93</b> | <b>76.46</b> | <b>75.97</b> | <b>0.00</b> | <b>75.35</b> | <b>87.83</b> | <b>75.37</b> | <b>83.57</b> |

## Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description   | Average Performance(%) |
|-------------------|---|------------------------|
| M301              | Reads and writes numbers up to 999 using place value  | 76.57                  |
| M302              | Compares numbers up to 999 based on their place values  | 82.55                  |
| M303              | Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping   | 73.82                  |
| M304              | Constructs and uses the multiplication facts (up till 10) in daily life situations                                    | 72.54                  |
| M305              | Analyses and applies an appropriate number operation in the situation/ context  | 75.18                  |
| M306              | Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction                 | 79.39                  |
| M309              | Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.             | 87.86                  |
| M311              | Fills a given region leaving no gaps using a tile of a given shape  | 67.29                  |
| M312              | Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships | 43.26                  |
| M317              | Reads the time correctly to the hour using a clock/watch  | 79.51                  |
| M318              | Extends patterns in simple shapes and numbers   | 71.24                  |
| M319              | Records data using tally marks, represents pictorially and draws conclusions  | 87.12                  |

### Range of Performance of Students who Answered Correctly

| Below 30% |      | 30% - 50% |      | 50% - 75% |       | Above 75% |       |
|-----------|------|-----------|------|-----------|-------|-----------|-------|
| Number    | %    | Number    | %    | Number    | %     | Number    | %     |
| 22        | 2.58 | 72        | 8.43 | 278       | 32.55 | 482       | 56.44 |

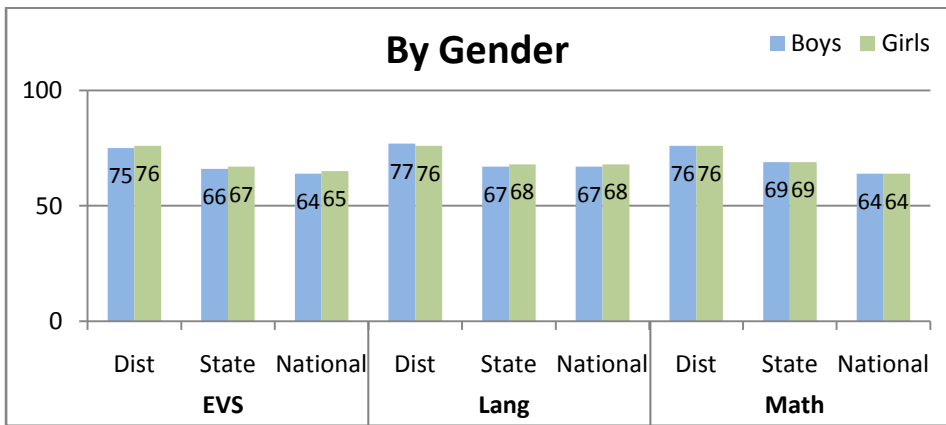
### Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (43.26)
- 2 - Fills a given region leaving no gaps using a tile of a given shape (67.29)
- 3 - Extends patterns in simple shapes and numbers (71.24)
- 4 - Constructs and uses the multiplication facts (up till 10) in daily life situations (72.54)
- 5 - Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping (73.82)

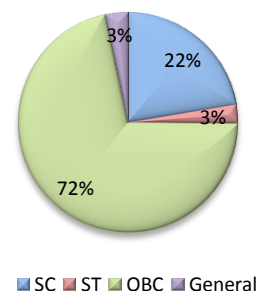
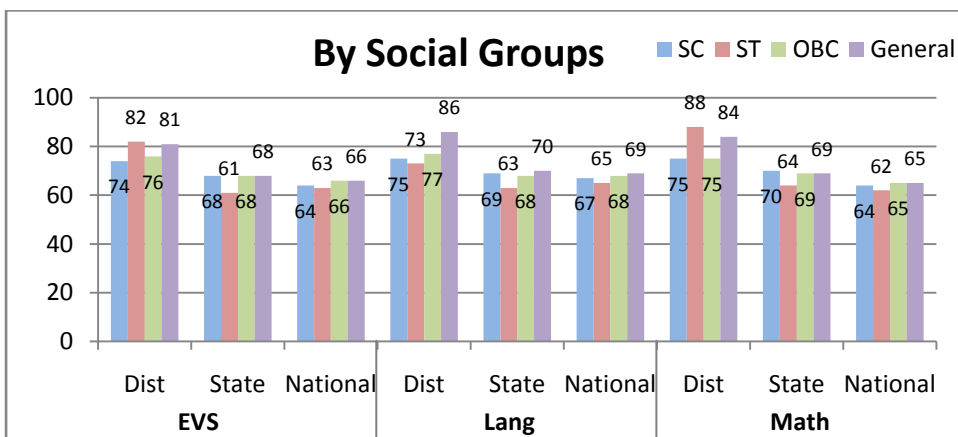
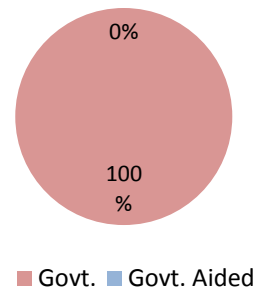
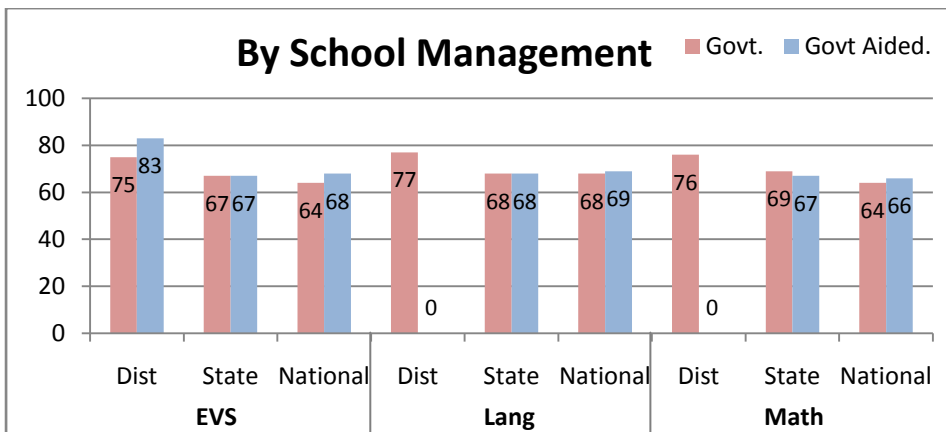
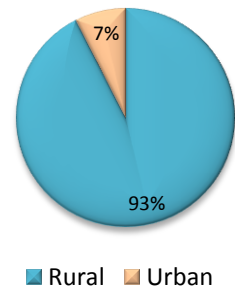
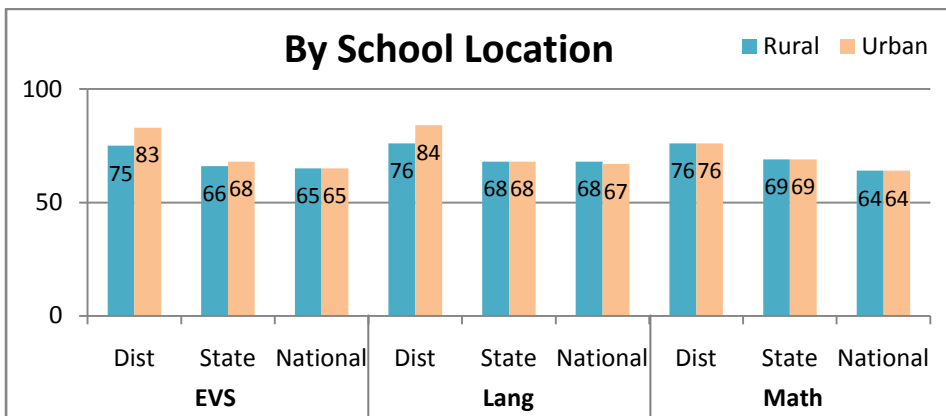
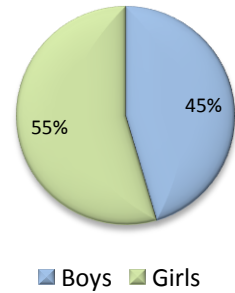


# Class 3 District Results by Student Groups

## Performance








## Participation



| District Report Card: 2017 |                           |
|----------------------------|---------------------------|
| <b>State:</b> Telangana    | <b>District:</b> Siddipet |
| <b>Class:</b> 5            | <b>Subject:</b> EVS       |
| <b>Schools:</b> 61         | <b>Students:</b> 919      |

### Participation/Coverage

#### Students

|  |            |       |                  |       |        |       |        |      |
|--|------------|-------|------------------|-------|--------|-------|--------|------|
| <b>GENDER</b><br>       | Boys       |       | Girls            |       |        |       |        |      |
|  | Number     | %     | Number           | %     |        |       |        |      |
|  | 446        | 48.53 | 473              | 51.47 |        |       |        |      |
| <b>AREA</b><br>        | Rural      |       | Urban            |       |        |       |        |      |
|  | Number     | %     | Number           | %     |        |       |        |      |
|  | 767        | 83.46 | 152              | 16.54 |        |       |        |      |
| <b>CATEGORY</b><br>   | SC         |       | ST               |       | OBC    |       | GEN    |      |
|  | Number     | %     | Number           | %     | Number | %     | Number | %    |
|  | 302        | 32.86 | 29               | 3.16  | 567    | 61.70 | 21     | 2.29 |
| <b>CWSN</b><br>       | LD         | VI    | HI               | S&LD  | ID     | Oth   |        |      |
|  | 1          | 0     | 0                | 0     | 2      | 1     |        |      |
| <b>Management</b><br> | Government |       | Government-aided |       |        |       |        |      |
|  | Number     | %     | Number           | %     |        |       |        |      |
|  | 892        | 97.06 | 27               | 2.94  |        |       |        |      |

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

| Overall      | Gender       |              | Area         |              | Management   |              | Social Group |              |              |              |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|              | Male         | Female       | Rural        | Urban        | Govt.        | Aided        | SC           | ST           | OBC          | GEN          |
| <b>58.95</b> | <b>56.68</b> | <b>61.09</b> | <b>60.78</b> | <b>49.69</b> | <b>59.97</b> | <b>25.19</b> | <b>46.58</b> | <b>61.38</b> | <b>64.88</b> | <b>73.33</b> |

## Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description   | Average Performance(%) |
|-------------------|---|------------------------|
| E403              | Identifies relationship with and among family members in extended family  | 59.74                  |
| E410              | Records observations/experiences/information for objects, activities, phenomena, places visited in different ways and predicts patterns and activities/ phenomena   | 71.43                  |
| E501              | Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc.   | 42.44                  |
| E503              | Describes the interdependence among animals, plants and humans  | 53.65                  |
| E504              | Explains the role and functions of different institutions in daily life (Bank, Panchayat, cooperatives, police station, etc.)   | 66.27                  |
| 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)   | 40.04                  |
| E506              | Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc.   | 40.48                  |
| E507              | Traces the changes in practices, customs, techniques of past and present through coins, paintings, monuments, museum etc. and interacting with elders   | 66.08                  |
| 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  | 57.96                  |
| 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. | 60.73                  |
| 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  | 62.14                  |
| E512              | Voices opinions on issues observed/experienced and relates practices /happenings to larger issues of society  | 56.71                  |
| E513              | Suggests ways for hygiene, health, managing waste, disaster/emergency situations and protecting/saving resources  | 66.64                  |

### Range of Performance of Students who Answered Correctly

| Below 30% |       | 30% - 50% |       | 50% - 75% |       | Above 75% |       |
|-----------|-------|-----------|-------|-----------|-------|-----------|-------|
| Number    | %     | Number    | %     | Number    | %     | Number    | %     |
| 145       | 15.78 | 209       | 22.74 | 268       | 29.16 | 297       | 32.32 |






### 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) (40.04)
- 2 - Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc. (40.48)
- 3 - Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc. (42.44)
- 4 - Describes the interdependence among animals, plants and humans (53.65)
- 5 - Voices opinions on issues observed/experienced and relates practices /happenings to larger issues of society (56.71)

| District Report Card: 2017 |  |                           |  |
|----------------------------|--|---------------------------|--|
| <b>State:</b> Telangana    |  | <b>District:</b> Siddipet |  |
| <b>Class:</b> 5            |  | <b>Subject:</b> Language  |  |
| <b>Schools:</b> 61         |  | <b>Students:</b> 919      |  |

### Participation/Coverage

#### Students

|  |            |       |        |      |                  |       |        |      |
|--|------------|-------|--------|------|------------------|-------|--------|------|
| <b>GENDER</b><br>       | Boys       |       |        |      | Girls            |       |        |      |
|  | Number     |       | %      |      | Number           |       | %      |      |
|  | 446        |       | 48.53  |      | 473              |       | 51.47  |      |
| <b>AREA</b><br>        | Rural      |       |        |      | Urban            |       |        |      |
|  | Number     |       | %      |      | Number           |       | %      |      |
|  | 767        |       | 83.46  |      | 152              |       | 16.54  |      |
| <b>CATEGORY</b><br>   | SC         |       | ST     |      | OBC              |       | GEN    |      |
|  | Number     | %     | Number | %    | Number           | %     | Number | %    |
|  | 302        | 32.86 | 29     | 3.16 | 567              | 61.70 | 21     | 2.29 |
| <b>CWSN</b><br>       | LD         | VI    | HI     | S&LD | ID               | Oth   |        |      |
|  | 1          | 0     | 0      | 0    | 2                | 1     |        |      |
| <b>Management</b><br> | Government |       |        |      | Government-aided |       |        |      |
|  | Number     |       | %      |      | Number           |       | %      |      |
|  | 892        |       | 97.06  |      | 27               |       | 2.94   |      |

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

| Overall      | Gender       |              | Area         |              | Management   |              | Social Group |              |              |              |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|              | Male         | Female       | Rural        | Urban        | Govt.        | Aided        | SC           | ST           | OBC          | GEN          |
| <b>60.04</b> | <b>58.12</b> | <b>61.86</b> | <b>61.21</b> | <b>54.17</b> | <b>60.60</b> | <b>41.73</b> | <b>50.62</b> | <b>55.63</b> | <b>64.87</b> | <b>71.43</b> |

## Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description  | Average Performance(%) |
|-------------------|--|------------------------|
| L504              | Reads and comprehends independently storybooks, news items/ headlines, advertisements etc. | 60.07                  |
| L508              | Reads text with comprehension, locates details and sequence of events                      | 60.03                  |

| Range of Performance of Students who Answered Correctly |       |           |       |           |       |           |       |
|---|-------|-----------|-------|-----------|-------|-----------|-------|
| Below 30%   |       | 30% - 50% |       | 50% - 75% |       | Above 75% |       |
| Number  | %     | Number    | %     | Number    | %     | Number    | %     |
| 114   | 12.40 | 220       | 23.94 | 317       | 34.49 | 268       | 29.16 |






### Lowest Performing Learning Outcomes (LOs)

- 1 - Reads text with comprehension, locates details and sequence of events (60.03)
- 2 - Reads and comprehends independently storybooks, news items/ headlines, advertisements etc. (60.07)

| District Report Card: 2017 |  |                             |  |
|----------------------------|--|-----------------------------|--|
| <b>State:</b> Telangana    |  | <b>District:</b> Siddipet   |  |
| <b>Class:</b> 5            |  | <b>Subject:</b> Mathematics |  |
| <b>Schools:</b> 61         |  | <b>Students:</b> 919        |  |

### Participation/Coverage

#### Students

|  |            |       |        |      |                  |       |        |      |
|--|------------|-------|--------|------|------------------|-------|--------|------|
| <b>GENDER</b><br>       | Boys       |       |        |      | Girls            |       |        |      |
|  | Number     |       | %      |      | Number           |       | %      |      |
|  | 446        |       | 48.53  |      | 473              |       | 51.47  |      |
| <b>AREA</b><br>        | Rural      |       |        |      | Urban            |       |        |      |
|  | Number     |       | %      |      | Number           |       | %      |      |
|  | 767        |       | 83.46  |      | 152              |       | 16.54  |      |
| <b>CATEGORY</b><br>   | SC         |       | ST     |      | OBC              |       | GEN    |      |
|  | Number     | %     | Number | %    | Number           | %     | Number | %    |
|  | 302        | 32.86 | 29     | 3.16 | 567              | 61.70 | 21     | 2.29 |
| <b>CWSN</b><br>       | LD         | VI    | HI     | S&LD | ID               | Oth   |        |      |
|  | 1          | 0     | 0      | 0    | 2                | 1     |        |      |
| <b>Management</b><br> | Government |       |        |      | Government-aided |       |        |      |
|  | Number     |       | %      |      | Number           |       | %      |      |
|  | 892        |       | 97.06  |      | 27               |       | 2.94   |      |

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

| Overall      | Gender       |              | Area         |              | Management   |              | Social Group |              |              |              |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|              | Male         | Female       | Rural        | Urban        | Govt.        | Aided        | SC           | ST           | OBC          | GEN          |
| <b>62.54</b> | <b>61.90</b> | <b>63.14</b> | <b>63.99</b> | <b>55.22</b> | <b>63.57</b> | <b>28.40</b> | <b>50.02</b> | <b>64.60</b> | <b>68.56</b> | <b>77.14</b> |

## Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description  | Average Performance(%) |
|-------------------|--|------------------------|
| M401              | Applies operations of numbers in daily life situations   | 65.94                  |
| M412              | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit   | 58.87                  |
| M418              | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction  | 73.35                  |
| M421              | Represent the collected information in tables and bar graphs and draws inferences from these   | 74.10                  |
| M501              | Reads and writes numbers bigger than 1000 being used in her/his surroundings   | 70.95                  |
| 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 | 51.42                  |
| M505              | Finds the number corresponding to part of a collection   | 57.27                  |
| M506              | Identifies and forms equivalent fractions of a given fraction  | 58.54                  |
| M508              | Converts fractions into decimals and vice versa  | 62.99                  |
| M509              | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing   | 62.50                  |
| M512              | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa  | 61.49                  |
| M513              | Estimates the volume of a solid body in known units.   | 52.16                  |
| M514              | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals  | 58.65                  |
| M515              | Identifies the pattern in triangular numbers and square number   | 58.32                  |
| M516              | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it  | 60.83                  |

### Range of Performance of Students who Answered Correctly

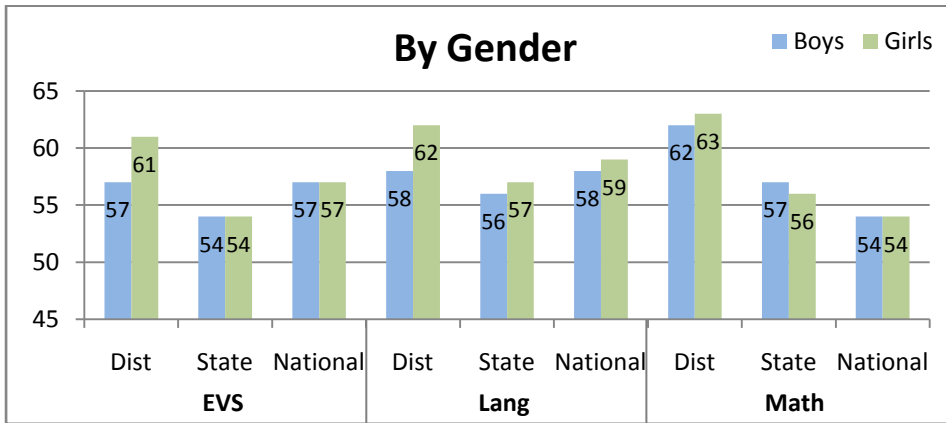
| Below 30% |       | 30% - 50% |       | 50% - 75% |       | Above 75% |       |
|-----------|-------|-----------|-------|-----------|-------|-----------|-------|
| Number    | %     | Number    | %     | Number    | %     | Number    | %     |
| 132       | 14.36 | 177       | 19.26 | 267       | 29.05 | 343       | 37.32 |

### Lowest Performing Learning Outcomes (LOs)

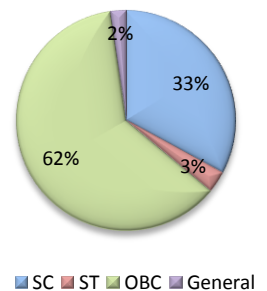
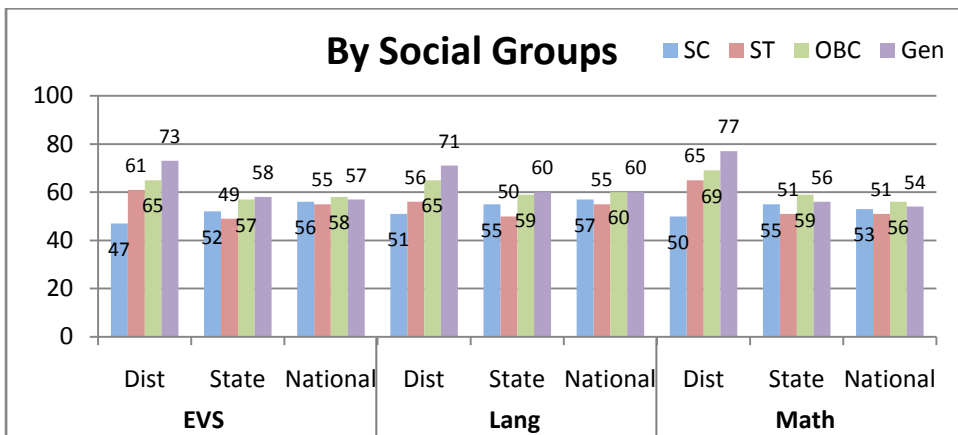
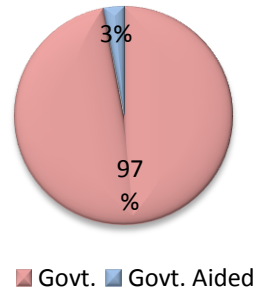
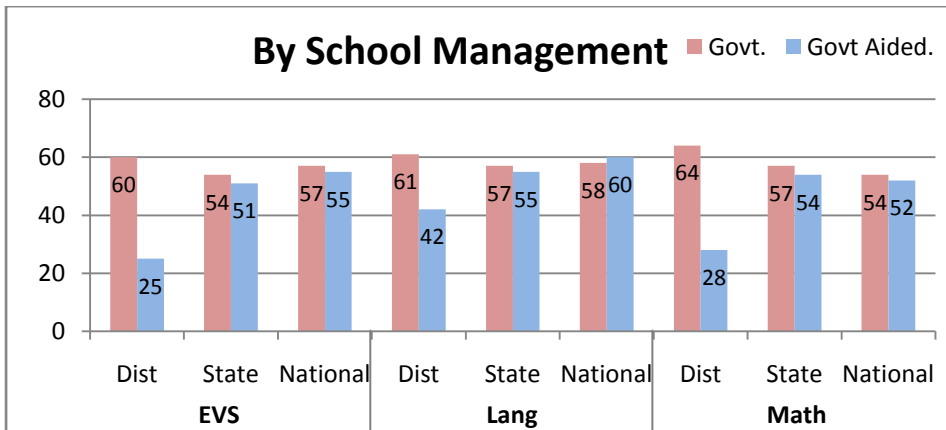
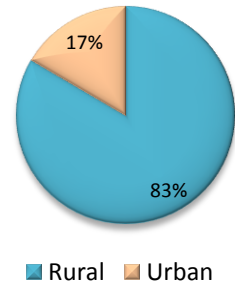
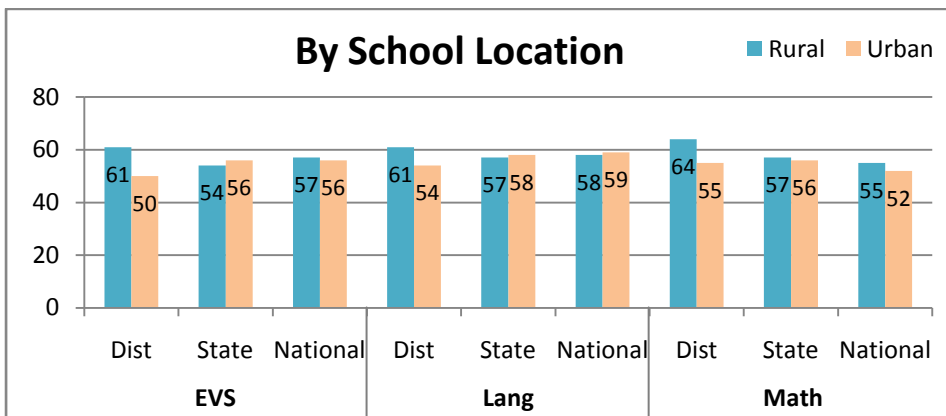
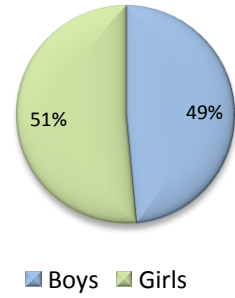
- 1 - Estimates sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation (51.42)
- 2 - Estimates the volume of a solid body in known units. (52.16)
- 3 - Finds the number corresponding to part of a collection (57.27)
- 4 - Identifies the pattern in triangular numbers and square number (58.32)
- 5 - Identifies and forms equivalent fractions of a given fraction (58.54)

# Class 5 District Results by Student Groups

## Performance



## Participation








| District Report Card: 2017 |                           |
|----------------------------|---------------------------|
| <b>State:</b> Telangana    | <b>District:</b> SIDDIPET |
| <b>Class:</b> 8            | <b>Subject:</b> Language  |
| <b>Schools:</b> 51         | <b>Students:</b> 1262     |


### Participation/Coverage


#### Students

| <br>GENDER | Boys   |       | Girls  |       |
|---|--------|-------|--------|-------|
|   | Number | %     | Number | %     |
|   | 619    | 49.05 | 643    | 50.95 |

| <br>AREA | Rural  |       | Urban  |       |
|--|--------|-------|--------|-------|
|  | Number | %     | Number | %     |
|  | 1078   | 85.42 | 184    | 14.58 |

| <br>CATEGORY | SC     |       | ST     |      | OBC    |       | GEN    |      |
|---|--------|-------|--------|------|--------|-------|--------|------|
|   | Number | %     | Number | %    | Number | %     | Number | %    |
|   | 390    | 30.90 | 42     | 3.33 | 789    | 62.52 | 41     | 3.25 |

| <br>CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|----|----|----|------|----|-----|
|   | 3  | 0  | 0  | 4    | 4  | 39  |

| <br>MANAGEMENT | Government |       | Government-aided |      |
|---|------------|-------|------------------|------|
|   | Number     | %     | Number           | %    |
|   | 1261       | 99.92 | 1                | 0.08 |

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

| Overall      | Gender       |              | Area         |              | Management   |              | Social Group |              |              |              |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|              | Male         | Female       | Rural        | Urban        | Govt.        | Aided        | SC           | ST           | OBC          | GEN          |
| <b>56.55</b> | <b>53.18</b> | <b>59.78</b> | <b>57.25</b> | <b>52.43</b> | <b>56.54</b> | <b>60.00</b> | <b>53.13</b> | <b>56.51</b> | <b>58.09</b> | <b>59.35</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 | 56.55                  |

| Range of Performance of Students who Answered Correctly |       |           |       |           |       |           |       |
|---|-------|-----------|-------|-----------|-------|-----------|-------|
| Below 30%   |       | 30% - 50% |       | 50% - 75% |       | Above 75% |       |
| Number  | %     | Number    | %     | Number    | %     | Number    | %     |
| 175   | 13.87 | 302       | 23.93 | 538       | 42.63 | 247       | 19.57 |

### 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 (56.55)


**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> SIDDIPET   |  |
| <b>Class:</b> 8            |  | <b>Subject:</b> Mathematics |  |
| <b>Schools:</b> 51         |  | <b>Students:</b> 1262       |  |


### Participation/Coverage


#### Students

| GENDER<br> | Boys   |       | Girls  |       |
|---|--------|-------|--------|-------|
|   | Number | %     | Number | %     |
|   | 619    | 49.05 | 643    | 50.95 |

| AREA<br> | Rural  |       | Urban  |       |
|---|--------|-------|--------|-------|
|   | Number | %     | Number | %     |
|   | 1078   | 85.42 | 184    | 14.58 |

| CATEGORY<br> | SC     |       | ST     |      | OBC    |       | GEN    |      |
|---|--------|-------|--------|------|--------|-------|--------|------|
|   | Number | %     | Number | %    | Number | %     | Number | %    |
|   | 390    | 30.90 | 42     | 3.33 | 789    | 62.52 | 41     | 3.25 |

| CWSN<br> | LD | VI | HI | S&LD | ID | Oth |
|---|----|----|----|------|----|-----|
|   | 3  | 0  | 0  | 4    | 4  | 39  |

| MANAGEMENT<br> | Government |       | Government-aided |      |
|---|------------|-------|------------------|------|
|   | Number     | %     | Number           | %    |
|   | 1261       | 99.92 | 1                | 0.08 |

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

| Overall      | Gender       |              | Area         |              | Management   |              | Social Group |              |              |              |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|              | Male         | Female       | Rural        | Urban        | Govt.        | Aided        | SC           | ST           | OBC          | GEN          |
| <b>46.53</b> | <b>44.71</b> | <b>48.29</b> | <b>48.44</b> | <b>35.40</b> | <b>46.53</b> | <b>46.67</b> | <b>42.31</b> | <b>38.73</b> | <b>48.86</b> | <b>49.92</b> |

## Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description  | Average Performance(%) |
|-------------------|--|------------------------|
| M601              | Solves problems involving large numbers by applying appropriate operations   | 44.64                  |
| M606              | Solves problems on daily life situations involving addition and subtraction of fractions / decimals                                    | 50.24                  |
| 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. | 48.49                  |
| M621              | Arranges given/collected information in the form of table, pictograph and bar graph and interprets them                                | 47.52                  |
| M702              | Interprets the division and multiplication of fractions  | 45.09                  |
| M705              | Solves problems related to daily life situations involving rational numbers  | 48.73                  |
| M706              | Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers.                          | 45.37                  |
| M707              | Adds/subtracts algebraic expressions   | 48.81                  |
| M710              | Solves problems related to conversion of percentage to fraction and decimal and vice versa   | 35.64                  |
| M717              | Finds out approximate area of closed shapes by using unit square grid/ graph sheet   | 38.72                  |
| M719              | Finds various representative values for simple data from her/his daily life contexts like mean, median and mode                        | 58.52                  |
| M721              | Interprets data using bar graph such as consumption of electricity is more in winters than summer                                      | 59.50                  |
| M801              | Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns                      | 40.97                  |
| M802              | Finds rational numbers between two given rational numbers  | 45.05                  |
| M803              | Proves divisibility rules of 2, 3,4, 5, 6, 9 and 11  | 55.04                  |
| M804              | Finds squares, cubes, square roots and cube roots of numbers using different methods.  | 44.27                  |
| M808              | Use various algebraic identities in solving problems of daily life.  | 59.97                  |
| M812              | Verifies properties of parallelogram and establishes the relationship between them through reasoning                                   | 34.59                  |
| M818              | Finds surface area and volume of cuboidal and cylindrical object   | 40.19                  |
| M819              | Draws and interprets bar charts and pie charts   | 40.02                  |

### Range of Performance of Students who Answered Correctly

| Below 30% |       | 30% - 50% |       | 50% - 75% |       | Above 75% |       |
|-----------|-------|-----------|-------|-----------|-------|-----------|-------|
| Number    | %     | Number    | %     | Number    | %     | Number    | %     |
| 408       | 32.33 | 326       | 25.83 | 332       | 26.31 | 196       | 15.53 |

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


1. Verifies properties of parallelogram and establishes the relationship between them through reasoning (34.59)
2. Solves problems related to conversion of percentage to fraction and decimal and vice versa (35.64)
3. Finds out approximate area of closed shapes by using unit square grid/ graph sheet (38.72)
4. Draws and interprets bar charts and pie charts (40.02)
5. Finds surface area and volume of cuboidal and cylindrical object (40.19)


**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> SIDDIPET |  |
| <b>Class:</b> 8            |  | <b>Subject:</b> Science   |  |
| <b>Schools:</b> 51         |  | <b>Students:</b> 1262     |  |


### Participation/Coverage


#### Students

| GENDER<br> | Boys   |       | Girls  |       |
|---|--------|-------|--------|-------|
|   | Number | %     | Number | %     |
|   | 619    | 49.05 | 643    | 50.95 |

| AREA<br> | Rural  |       | Urban  |       |
|---|--------|-------|--------|-------|
|   | Number | %     | Number | %     |
|   | 1078   | 85.42 | 184    | 14.58 |

| CATEGORY<br> | SC     |       | ST     |      | OBC    |       | GEN    |      |
|---|--------|-------|--------|------|--------|-------|--------|------|
|   | Number | %     | Number | %    | Number | %     | Number | %    |
|   | 390    | 30.90 | 42     | 3.33 | 789    | 62.52 | 41     | 3.25 |

| CWSN<br> | LD | VI | HI | S&LD | ID | Oth |
|---|----|----|----|------|----|-----|
|   | 3  | 0  | 0  | 4    | 4  | 39  |

| MANAGEMENT<br> | Government |       | Government-aided |      |
|---|------------|-------|------------------|------|
|   | Number     | %     | Number           | %    |
|   | 1261       | 99.92 | 1                | 0.08 |

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

| Overall      | Gender       |              | Area         |              | Management   |              | Social Group |              |              |              |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|              | Male         | Female       | Rural        | Urban        | Govt.        | Aided        | SC           | ST           | OBC          | GEN          |
| <b>45.19</b> | <b>42.77</b> | <b>47.53</b> | <b>46.83</b> | <b>35.62</b> | <b>45.20</b> | <b>33.33</b> | <b>41.91</b> | <b>41.27</b> | <b>46.95</b> | <b>46.67</b> |

## Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description   | Average Performance(%) |
|-------------------|---|------------------------|
| SCI703            | Classifies materials and organisms based on properties/characteristics  | 47.19                  |
| SCI704            | Conducts simple investigation to seek answers to queries  | 27.34                  |
| SCI705            | Relates processes and phenomenon with causes  | 55.20                  |
| SCI708            | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc | 47.78                  |
| SCI710            | Plots and interprets graphs   | 47.68                  |
| SCI711            | Constructs models using materials from surroundings and explains their working  | 42.88                  |
| SCI801            | Differentiates materials, organism and processes  | 39.22                  |
| SCI804            | Relates processes and phenomenon with causes  | 54.08                  |
| SCI805            | Explains processes and phenomenon   | 40.10                  |
| SCI807            | Measures angles of incidence and reflection, etc.   | 42.79                  |
| SCI811            | Applies learning of scientific concepts in day-to-day life  | 50.95                  |
| SCI813            | Makes efforts to protect environment  | 63.71                  |

| Range of Performance of Students who Answered Correctly |       |           |       |           |       |           |       |
|---|-------|-----------|-------|-----------|-------|-----------|-------|
| Below 30%   |       | 30% - 50% |       | 50% - 75% |       | Above 75% |       |
| Number  | %     | Number    | %     | Number    | %     | Number    | %     |
| 372   | 29.48 | 393       | 31.14 | 365       | 28.92 | 132       | 10.46 |


### Lowest Performing Learning Outcomes (LOs)


1. Conducts simple investigation to seek answers to queries (27.34)
2. Differentiates materials, organism and processes (39.22)
3. Explains processes and phenomenon (40.1)
4. Measures angles of incidence and reflection, etc. (42.79)
5. Constructs models using materials from surroundings and explains their working (42.88)


| District Report Card: 2017 |  |                                |  |
|----------------------------|--|--------------------------------|--|
| <b>State:</b> Telangana    |  | <b>District:</b> SIDDIPET      |  |
| <b>Class:</b> 8            |  | <b>Subject:</b> Social Science |  |
| <b>Schools:</b> 51         |  | <b>Students:</b> 1262          |  |


### Participation/Coverage


#### Students

| GENDER<br> | Boys   |       | Girls  |       |
|---|--------|-------|--------|-------|
|   | Number | %     | Number | %     |
|   | 619    | 49.05 | 643    | 50.95 |

| AREA<br> | Rural  |       | Urban  |       |
|---|--------|-------|--------|-------|
|   | Number | %     | Number | %     |
|   | 1078   | 85.42 | 184    | 14.58 |

| CATEGORY<br> | SC     |       | ST     |      | OBC    |       | GEN    |      |
|---|--------|-------|--------|------|--------|-------|--------|------|
|   | Number | %     | Number | %    | Number | %     | Number | %    |
|   | 390    | 30.90 | 42     | 3.33 | 789    | 62.52 | 41     | 3.25 |

| CWSN<br> | LD | VI | HI | S&LD | ID | Oth |
|---|----|----|----|------|----|-----|
|   | 3  | 0  | 0  | 4    | 4  | 39  |

| MANAGEMENT<br> | Government |       | Government-aided |      |
|---|------------|-------|------------------|------|
|   | Number     | %     | Number           | %    |
|   | 1261       | 99.92 | 1                | 0.08 |

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

| Overall      | Gender       |              | Area         |              | Management   |              | Social Group |              |              |              |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|              | Male         | Female       | Rural        | Urban        | Govt.        | Aided        | SC           | ST           | OBC          | GEN          |
| <b>47.82</b> | <b>43.42</b> | <b>52.05</b> | <b>49.38</b> | <b>38.70</b> | <b>47.83</b> | <b>33.33</b> | <b>43.71</b> | <b>44.76</b> | <b>49.69</b> | <b>53.98</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                      | 65.85                  |
| SST610            | Locates important historical sites, places on an outline map of India  | 30.93                  |
| SST625            | Describes the functioning of rural and urban local government bodies in sectors like health and education  | 27.47                  |
| SST703            | Explains preventive actions to be undertaken in the event of disasters   | 41.84                  |
| SST704            | Describes formation of landforms due to various factors  | 52.12                  |
| SST722            | Explains the significance of equality in democracy   | 37.60                  |
| SST726            | Describes the process of election to the legislative assembly  | 65.12                  |
| SST731            | Explains the functioning of media with appropriate examples from newspapers.   | 52.32                  |
| SST733            | Differentiates between different kinds of markets  | 60.75                  |
| SST734            | Traces how goods travel through various market places.   | 58.08                  |
| SST802            | Describes major crops, types of farming and agricultural practices in her/his own area/state   | 57.05                  |
| SST805            | Locates distribution of important minerals e.g. coal and mineral oil on the world map  | 42.72                  |
| SST807            | Justifies judicious use of natural resources   | 46.00                  |
| SST809            | Draws interrelationship between types of farming and development in different regions of the world   | 36.48                  |
| SST810            | Distinguishes the modern period from the medieval and the ancient periods through the use of sources   | 49.28                  |
| SST815            | Explains the origin, nature and spread of the revolt of 1857 and the lessons learned from it   | 47.88                  |
| 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 | 41.44                  |
| 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  | 42.16                  |
| SST823            | Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation   | 37.96                  |
| SST827            | Describes the process of making a law. (e.g. Domestic Violence Act, RTI Act, RTE Act)  | 52.90                  |
| SST831            | Identifies the role of Government in providing public facilities such as water, sanitation, road, electricity etc., and recognizes their availability                    | 44.26                  |
| SST833            | Draws bar diagram to show population of different countries/India/states   | 64.80                  |

| Range of Performance of Students who Answered Correctly |       |           |       |           |       |           |       |
|---|-------|-----------|-------|-----------|-------|-----------|-------|
| Below 30%   |       | 30% - 50% |       | 50% - 75% |       | Above 75% |       |
| Number  | %     | Number    | %     | Number    | %     | Number    | %     |
| 354   | 28.05 | 382       | 30.27 | 317       | 25.12 | 209       | 16.56 |

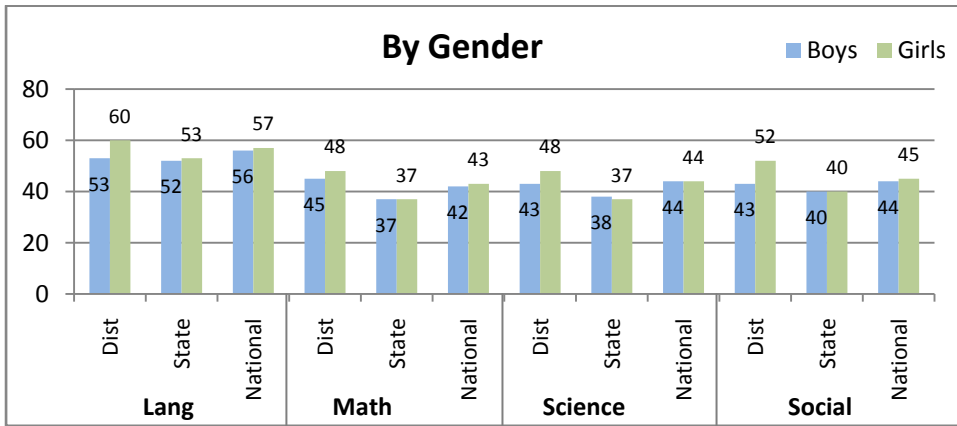
### Lowest Performing Learning Outcomes (LOs)

1. Describes the functioning of rural and urban local government bodies in sectors like health and education (27.47)
2. Locates important historical sites, places on an outline map of India (30.93)
3. Draws interrelationship between types of farming and development in different regions of the world (36.48)
4. Explains the significance of equality in democracy (37.6)
5. Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation (37.96)

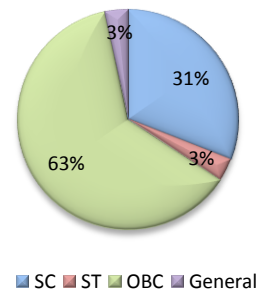
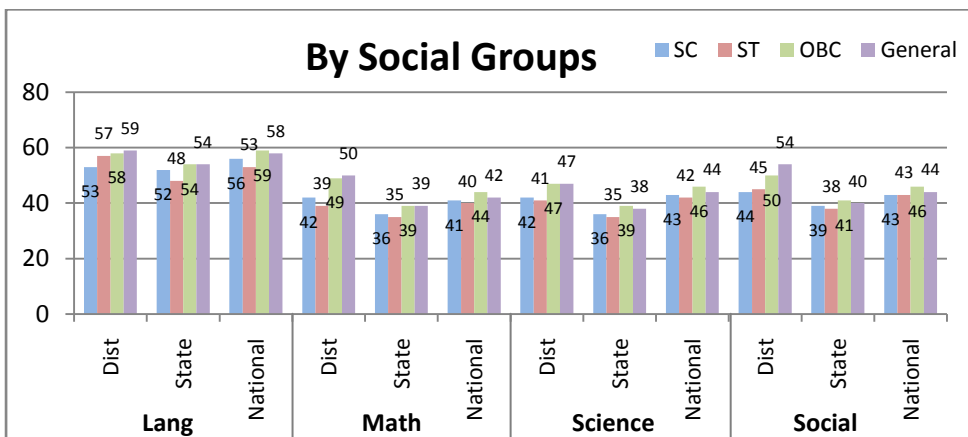
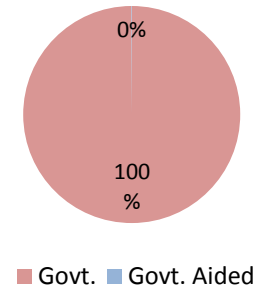
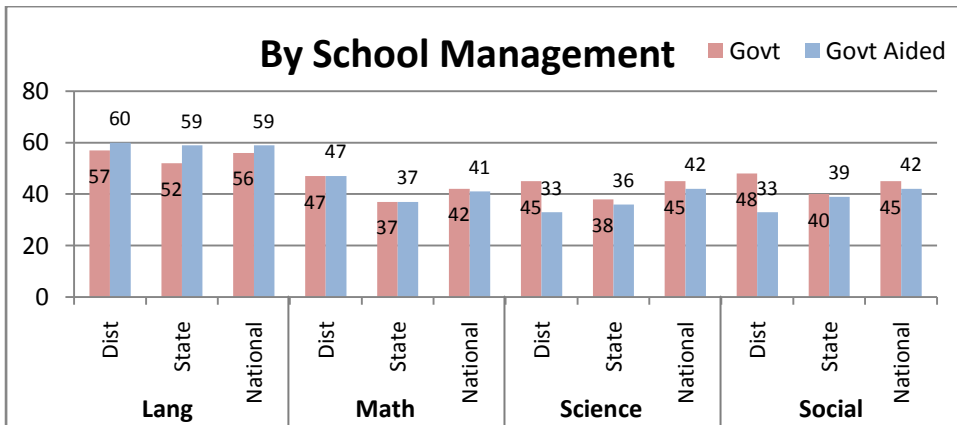
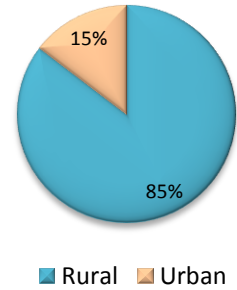
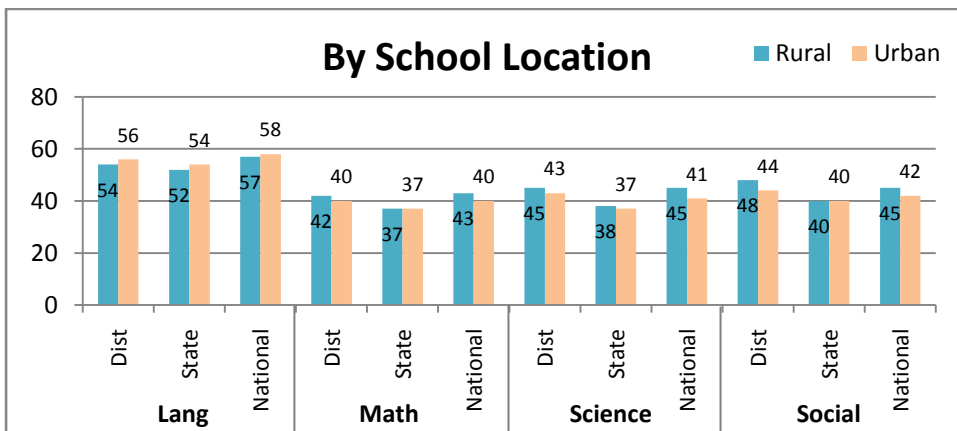
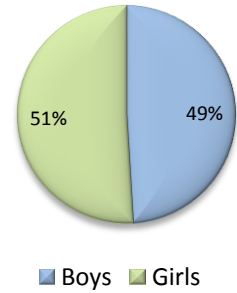
**CSWN:** **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment;  
**S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

# Class 8 District Results by Student Groups

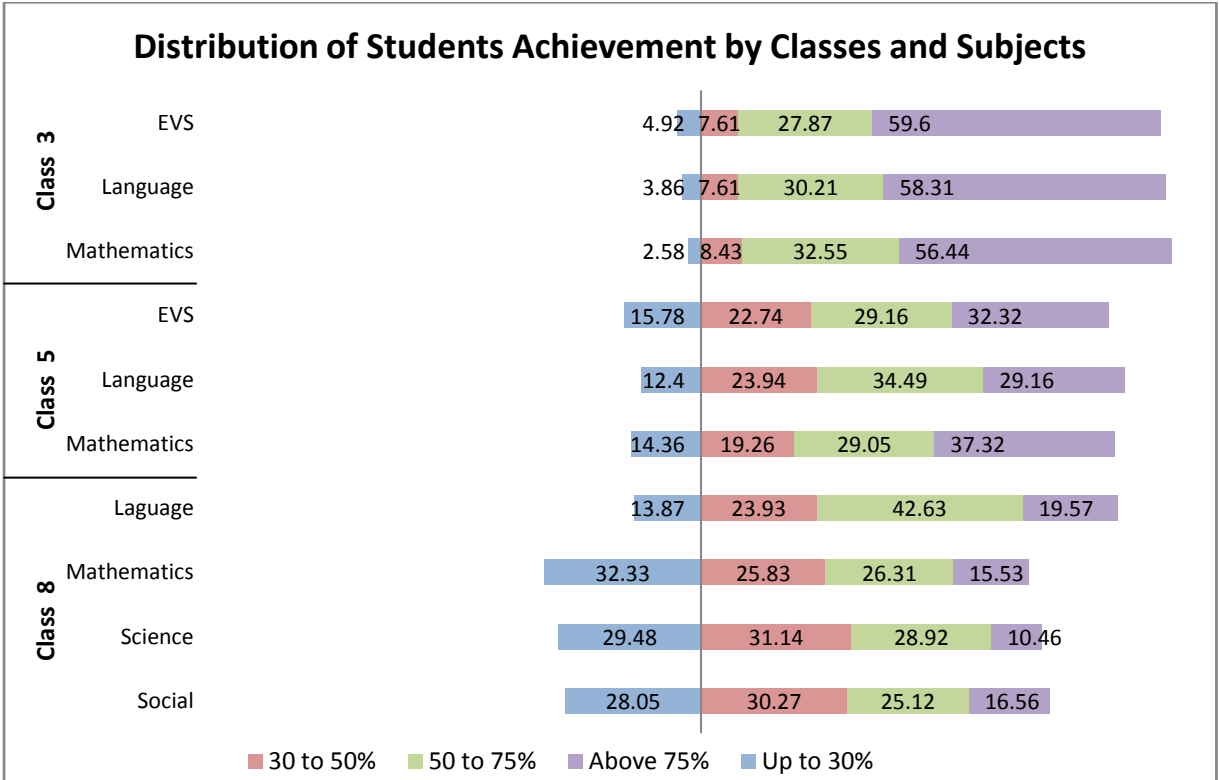
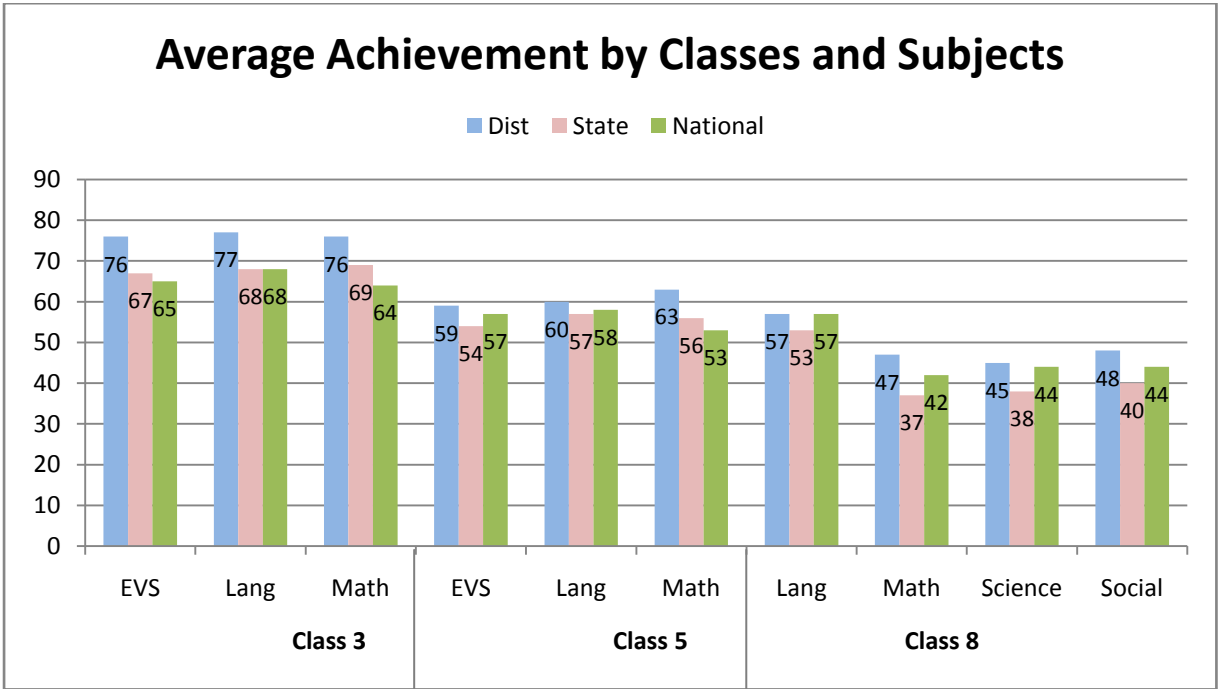
## Performance



## Participation



# SIDDIPET



## By Gender

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

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



## By School Location

### Rural Area



Performed better in

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

### Urban Area



Performed better in

**Class 3: EVS, Language & Math**  
**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 & Social

### Government Aided



Performed better in

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

## By Social Groups

### SC



First in

Class 3: \_\_\_\_\_  
 Class 5: \_\_\_\_\_  
 Class 8: \_\_\_\_\_

### ST



First in

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

### OBC



First in

Class 3: \_\_\_\_\_  
 Class 5: \_\_\_\_\_  
 Class 8: Science

### General



First in

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

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

**SIDDIPET**

| <b>Class</b> | <b>Subject</b> | <b>Learning Outcome</b>  |
|--------------|----------------|--|
| 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 |