



# NAS 2017

## NATIONAL ACHIEVEMENT SURVEY

Class : 3, 5 and 8

# District Report

## MEDCHAL, 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 3825 students and 173 schools are from Medchal 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> Medchal-malkajgiri
<b>Class:</b> 3	<b>Subject:</b> EVS
<b>Schools:</b> 61	<b>Students:</b> 1197

### Participation/Coverage

#### Students

<b>GENDER</b> 	Boys		Girls					
	Number	%	Number	%				
	548	45.78	649	54.22				
<b>AREA</b> 	Rural		Urban					
	Number	%	Number	%				
	484	40.43	713	59.57				
<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	329	27.49	95	7.94	678	56.64	95	7.94
<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth		
	1	0	1	1	2	0		
<b>Management</b> 	Government		Government-aided					
	Number	%	Number	%				
	1181	98.66	16	1.34				

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>70.25</b>	<b>70.77</b>	<b>69.81</b>	<b>70.18</b>	<b>70.29</b>	<b>70.00</b>	<b>88.33</b>	<b>69.18</b>	<b>63.79</b>	<b>71.44</b>	<b>71.93</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.	51.46
E303	Identifies relationships with and among family members	58.77
E304	Identifies objects, signs (vessels, stoves, transport, means of communication, transport, signboards etc.), places (types of houses/shelters, bus stand, petrol pump etc.) activities (works people do, cooking processes, etc.) at home/school/neighborhoods	73.34
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	77.49
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)	73.10
E309	Identifies directions, location of objects/places in simple maps using signs/symbols/verbally	60.16
E310	Guesses properties, estimates quantities of materials/activities in daily life and verifies using symbols/non-standard units	69.59
E311	Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc.	65.33
E313	Observes rules in games (local, indoor, outdoor)	50.09
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.	78.28

### Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
69	5.76	157	13.12	403	33.67	568	47.45


### Lowest Performing Learning Outcomes (LOs)


- 1 - Observes rules in games (local, indoor, outdoor) (50.09)
- 2 - Identifies simple features (e.g. movement, at places found/ kept, eating habits, sounds) of animals and birds in the immediate surroundings. (51.46)
- 3 - Identifies relationships with and among family members (58.77)
- 4 - Identifies directions, location of objects/places in simple maps using signs/symbols/verbally (60.16)
- 5 - Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc. (65.33)


District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Medchal-malkajgiri
<b>Class:</b> 3	<b>Subject:</b> Language
<b>Schools:</b> 61	<b>Students:</b> 1197


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	548	45.78	649	54.22

 AREA	Rural		Urban	
	Number	%	Number	%
	484	40.43	713	59.57

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	329	27.49	95	7.94	678	56.64	95	7.94

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

 Management	Government		Government-aided	
	Number	%	Number	%
	1181	98.66	16	1.34

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>69.94</b>	<b>69.64</b>	<b>70.20</b>	<b>68.61</b>	<b>70.85</b>	<b>69.65</b>	<b>91.25</b>	<b>69.24</b>	<b>65.26</b>	<b>71.32</b>	<b>67.23</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	69.71
L312	Reads printed scripts on the classroom walls: poems, posters, charts etc.	70.41

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
57	4.76	182	15.20	422	35.25	536	44.78


### Lowest Performing Learning Outcomes (LOs)


- 1 - Reads small texts with comprehension i.e., identifies main ideas, details, sequence and draws conclusions (69.71)
- 2 - Reads printed scripts on the classroom walls: poems, posters, charts etc. (70.41)


District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Medchal-malkajgiri
<b>Class:</b> 3	<b>Subject:</b> Mathematics
<b>Schools:</b> 61	<b>Students:</b> 1197


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	548	45.78	649	54.22

 AREA	Rural		Urban	
	Number	%	Number	%
	484	40.43	713	59.57

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	329	27.49	95	7.94	678	56.64	95	7.94

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

 Management	Government		Government-aided	
	Number	%	Number	%
	1181	98.66	16	1.34

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>74.14</b>	<b>74.55</b>	<b>73.80</b>	<b>74.83</b>	<b>73.67</b>	<b>73.91</b>	<b>91.25</b>	<b>73.11</b>	<b>67.16</b>	<b>75.22</b>	<b>76.98</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	75.16
M302	Compares numbers up to 999 based on their place values	82.12
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	70.97
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	72.93
M305	Analyses and applies an appropriate number operation in the situation/ context	72.85
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	76.52
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	86.04
M311	Fills a given region leaving no gaps using a tile of a given shape	64.43
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	37.99
M317	Reads the time correctly to the hour using a clock/watch	78.11
M318	Extends patterns in simple shapes and numbers	71.49
M319	Records data using tally marks, represents pictorially and draws conclusions	80.62

### Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
58	4.85	124	10.36	359	29.99	656	54.80

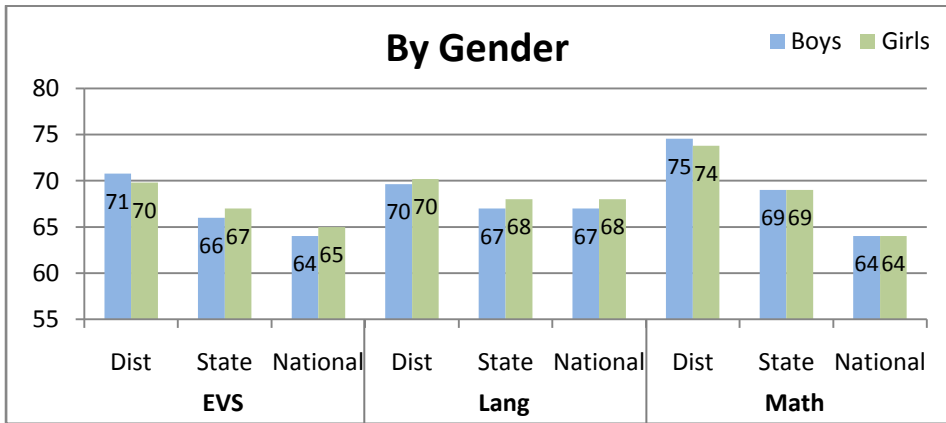
### Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (37.99)
- 2 - Fills a given region leaving no gaps using a tile of a given shape (64.43)
- 3 - Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping (70.97)
- 4 - Extends patterns in simple shapes and numbers (71.49)
- 5 - Analyses and applies an appropriate number operation in the situation/ context (72.85)

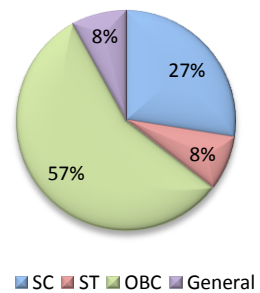
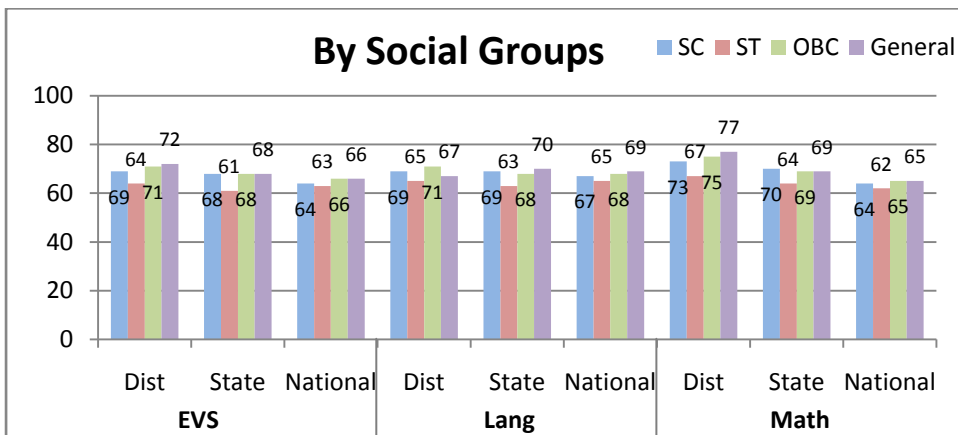
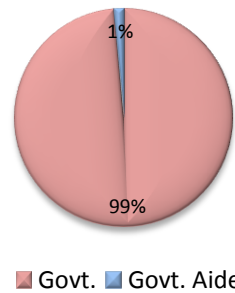
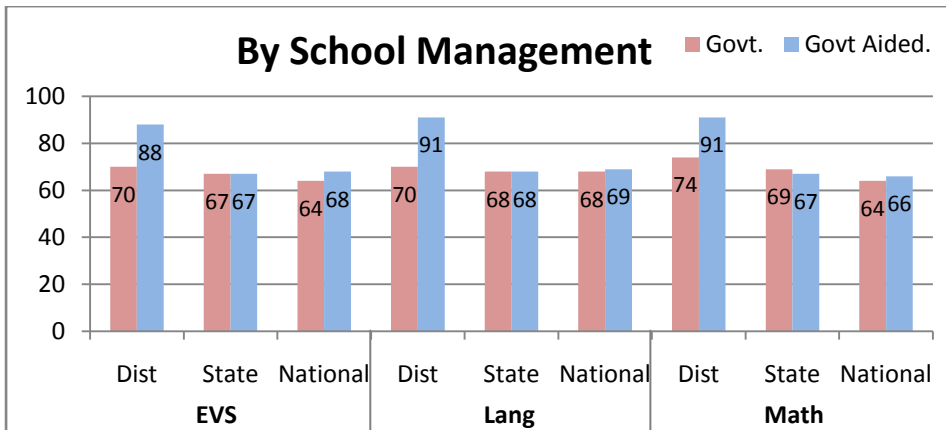
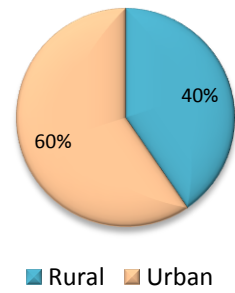
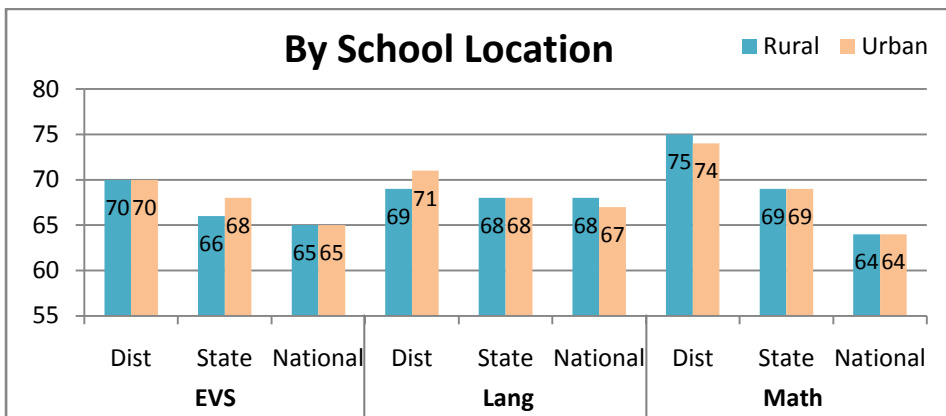
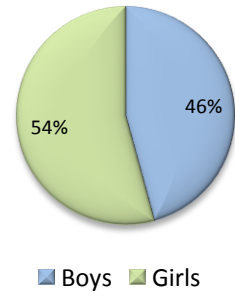


# Class 3 District Results by Student Groups

## Performance








## Participation



District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Medchal-malkajgiri
<b>Class:</b> 5	<b>Subject:</b> EVS
<b>Schools:</b> 61	<b>Students:</b> 1290

### Participation/Coverage

#### Students

<b>GENDER</b> 	Boys		Girls					
	Number	%	Number	%				
	568	44.03	722	55.97				
<b>AREA</b> 	Rural		Urban					
	Number	%	Number	%				
	509	39.46	781	60.54				
<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	316	24.50	91	7.05	746	57.83	137	10.62
<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth		
	3	3	0	0	0	0		
<b>Management</b> 	Government		Government-aided					
	Number	%	Number	%				
	1246	96.59	44	3.41				

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>64.47</b>	<b>64.33</b>	<b>64.58</b>	<b>63.03</b>	<b>65.41</b>	<b>64.71</b>	<b>57.73</b>	<b>64.18</b>	<b>65.79</b>	<b>65.05</b>	<b>61.12</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
E403	Identifies relationship with and among family members in extended family	70.27
E410	Records observations/experiences/information for objects, activities, phenomena, places visited in different ways and predicts patterns and activities/ phenomena	72.77
E501	Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc.	47.91
E503	Describes the interdependence among animals, plants and humans	57.29
E504	Explains the role and functions of different institutions in daily life (Bank, Panchayat, cooperatives, police station, etc.)	74.46
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)	39.64
E506	Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc.	43.42
E507	Traces the changes in practices, customs, techniques of past and present through coins, paintings, monuments, museum etc. and interacting with elders	68.04
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	63.93
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.	64.26
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	71.54
E512	Voices opinions on issues observed/experienced and relates practices /happenings to larger issues of society	65.20
E513	Suggests ways for hygiene, health, managing waste, disaster/emergency situations and protecting/saving resources	75.72

### Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
111	8.60	213	16.51	545	42.25	421	32.64

### 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) (39.64)

2 - Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc. (43.42)

3 - Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc. (47.91)


4 - Describes the interdependence among animals, plants and humans (57.29)


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 (63.93)


District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Medchal-malkajgiri
<b>Class:</b> 5	<b>Subject:</b> Language
<b>Schools:</b> 61	<b>Students:</b> 1290


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	568	44.03	722	55.97

 AREA	Rural		Urban	
	Number	%	Number	%
	509	39.46	781	60.54

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	316	24.50	91	7.05	746	57.83	137	10.62

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

 Management	Government		Government-aided	
	Number	%	Number	%
	1246	96.59	44	3.41

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>66.84</b>	<b>66.73</b>	<b>66.93</b>	<b>65.97</b>	<b>67.40</b>	<b>66.67</b>	<b>71.52</b>	<b>66.43</b>	<b>64.03</b>	<b>67.48</b>	<b>66.13</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
L504	Reads and comprehends independently storybooks, news items/ headlines, advertisements etc.	66.81
L508	Reads text with comprehension, locates details and sequence of events	66.85

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
74	5.74	233	18.06	495	38.37	488	37.83


### Lowest Performing Learning Outcomes (LOs)


- 1 - Reads and comprehends independently storybooks, news items/ headlines, advertisements etc. (66.81)
- 2 - Reads text with comprehension, locates details and sequence of events (66.85)


District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Medchal-malkajgiri
<b>Class:</b> 5	<b>Subject:</b> Mathematics
<b>Schools:</b> 61	<b>Students:</b> 1290


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	568	44.03	722	55.97

 AREA	Rural		Urban	
	Number	%	Number	%
	509	39.46	781	60.54

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	316	24.50	91	7.05	746	57.83	137	10.62

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

 Management	Government		Government-aided	
	Number	%	Number	%
	1246	96.59	44	3.41

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>63.73</b>	<b>63.86</b>	<b>63.63</b>	<b>61.74</b>	<b>65.03</b>	<b>63.52</b>	<b>69.85</b>	<b>63.35</b>	<b>66.81</b>	<b>64.74</b>	<b>57.08</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	60.39
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	48.87
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	76.32
M421	Represent the collected information in tables and bar graphs and draws inferences from these	77.52
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	73.41
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	72.34
M505	Finds the number corresponding to part of a collection	62.64
M506	Identifies and forms equivalent fractions of a given fraction	61.63
M508	Converts fractions into decimals and vice versa	63.69
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	59.30
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	72.66
M513	Estimates the volume of a solid body in known units.	56.88
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	56.74
M515	Identifies the pattern in triangular numbers and square number	57.44
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	58.82

### Range of Performance of Students who Answered Correctly

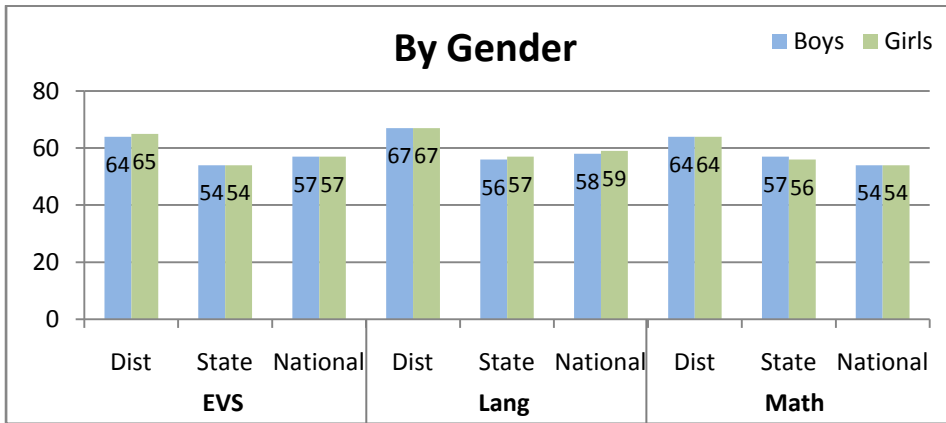
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
108	8.37	265	20.54	482	37.36	435	33.72

### Lowest Performing Learning Outcomes (LOs)

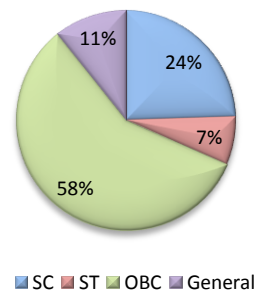
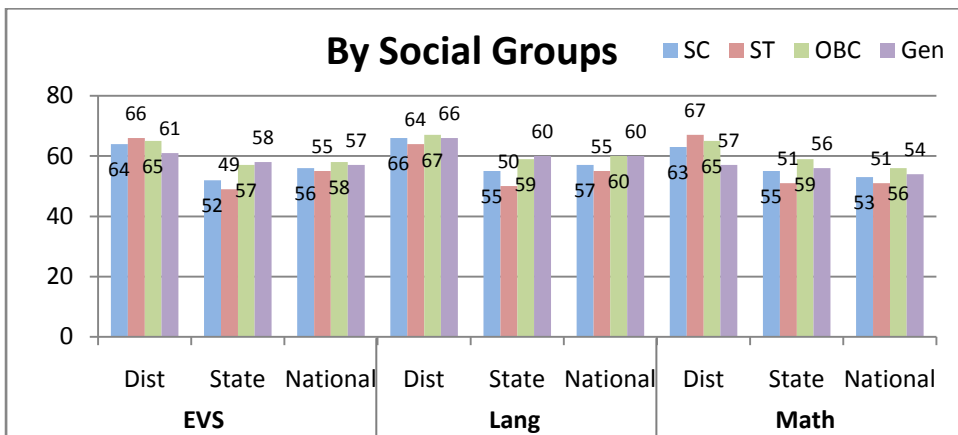
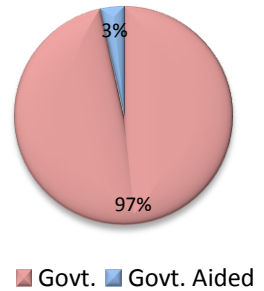
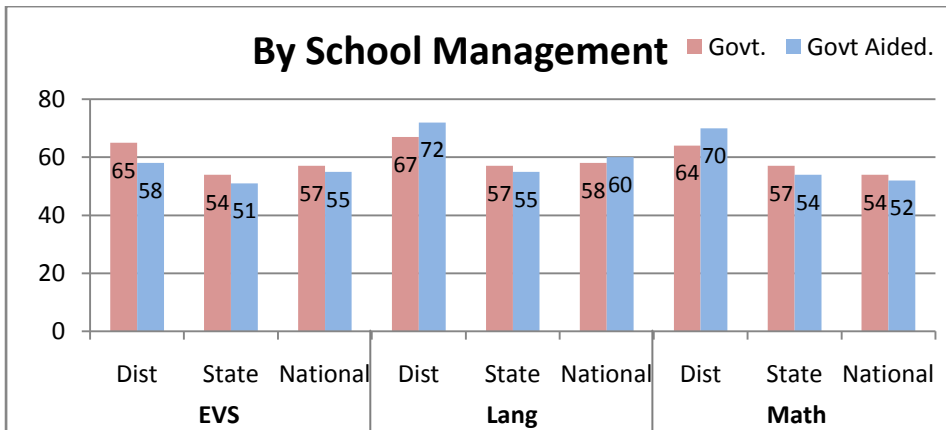
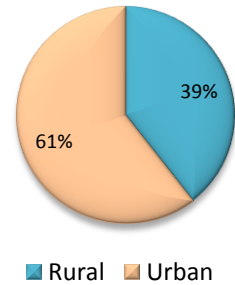
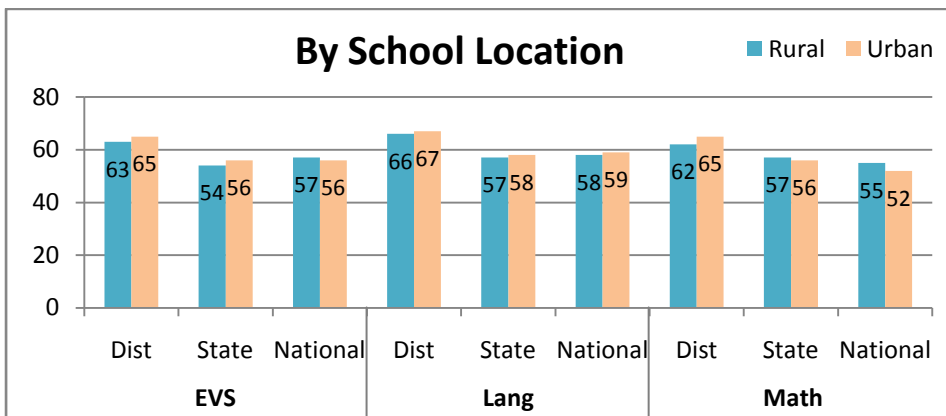
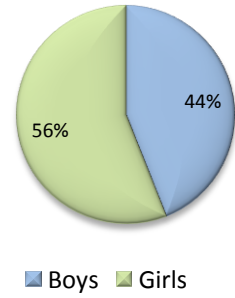
- 1 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (48.87)
- 2 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (56.74)
- 3 - Estimates the volume of a solid body in known units. (56.88)
- 4 - Identifies the pattern in triangular numbers and square number (57.44)
- 5 - Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it (58.82)

# Class 5 District Results by Student Groups

## Performance



## Participation








District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> MEDCHAL-MALKAJGIRI
<b>Class:</b> 8	<b>Subject:</b> Language
<b>Schools:</b> 51	<b>Students:</b> 1338


### Participation/Coverage


#### Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	580	43.35	758	56.65

AREA 	Rural		Urban	
	Number	%	Number	%
	580	43.35	758	56.65

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	408	30.49	108	8.07	715	53.44	107	8.00

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	1	1	0	2	27

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1337	99.93	1	0.07

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>53.54</b>	<b>53.01</b>	<b>53.94</b>	<b>54.16</b>	<b>53.06</b>	<b>53.53</b>	<b>60.00</b>	<b>51.91</b>	<b>48.46</b>	<b>55.18</b>	<b>53.89</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	53.54

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
204	15.25	378	28.25	536	40.06	220	16.44

### Lowest Performing Learning Outcomes (LOs)


1 - Read textual/non-textual materials with comprehension and identifies the details, characters, main idea and sequence of ideas and events while reading (53.54)


**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> MEDCHAL-MALKAJGIRI
<b>Class:</b> 8	<b>Subject:</b> Mathematics
<b>Schools:</b> 51	<b>Students:</b> 1338


### Participation/Coverage


#### Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	580	43.35	758	56.65

AREA 	Rural		Urban	
	Number	%	Number	%
	580	43.35	758	56.65

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	408	30.49	108	8.07	715	53.44	107	8.00

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	1	1	0	2	27

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1337	99.93	1	0.07

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>36.39</b>	<b>36.26</b>	<b>36.48</b>	<b>36.31</b>	<b>36.45</b>	<b>36.37</b>	<b>53.33</b>	<b>33.77</b>	<b>30.49</b>	<b>39.11</b>	<b>34.08</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	35.85
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	33.63
M620	Finds out the perimeter and area of rectangular objects in the surroundings like floor of the class room, surfaces of a chalk box etc.	34.38
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	38.81
M702	Interprets the division and multiplication of fractions	36.47
M705	Solves problems related to daily life situations involving rational numbers	35.05
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers.	32.28
M707	Adds/subtracts algebraic expressions	41.85
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	25.04
M717	Finds out approximate area of closed shapes by using unit square grid/ graph sheet	32.74
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	46.56
M721	Interprets data using bar graph such as consumption of electricity is more in winters than summer	48.11
M801	Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns	27.45
M802	Finds rational numbers between two given rational numbers	41.18
M803	Proves divisibility rules of 2, 3,4, 5, 6, 9 and 11	42.52
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods.	38.61
M808	Use various algebraic identities in solving problems of daily life.	48.57
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	24.55
M818	Finds surface area and volume of cuboidal and cylindrical object	29.11
M819	Draws and interprets bar charts and pie charts	37.14

### Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
619	46.26	426	31.84	214	15.99	79	5.90

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


1. Verifies properties of parallelogram and establishes the relationship between them through reasoning (24.55)
2. Solves problems related to conversion of percentage to fraction and decimal and vice versa (25.04)
3. Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns (27.45)
4. Finds surface area and volume of cuboidal and cylindrical object (29.11)
5. Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers. (32.28)


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**S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.


District Report Card: 2017			
<b>State:</b> Telangana		<b>District:</b> MEDCHAL-MALKAJGIRI	
<b>Class:</b> 8		<b>Subject:</b> Science	
<b>Schools:</b> 51		<b>Students:</b> 1338	


### Participation/Coverage


#### Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	580	43.35	758	56.65

AREA 	Rural		Urban	
	Number	%	Number	%
	580	43.35	758	56.65

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	408	30.49	108	8.07	715	53.44	107	8.00

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	1	1	0	2	27

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1337	99.93	1	0.07

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>37.45</b>	<b>38.28</b>	<b>36.82</b>	<b>38.87</b>	<b>36.37</b>	<b>37.46</b>	<b>33.33</b>	<b>34.64</b>	<b>34.57</b>	<b>39.60</b>	<b>36.76</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.03
SCI704	Conducts simple investigation to seek answers to queries	20.25
SCI705	Relates processes and phenomenon with causes	52.30
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	34.68
SCI710	Plots and interprets graphs	32.74
SCI711	Constructs models using materials from surroundings and explains their working	33.48
SCI801	Differentiates materials, organism and processes	32.41
SCI804	Relates processes and phenomenon with causes	41.78
SCI805	Explains processes and phenomenon	38.12
SCI807	Measures angles of incidence and reflection, etc.	29.22
SCI811	Applies learning of scientific concepts in day-to-day life	46.54
SCI813	Makes efforts to protect environment	61.51

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
533	39.84	474	35.43	282	21.08	49	3.66


### Lowest Performing Learning Outcomes (LOs)


1. Conducts simple investigation to seek answers to queries (20.25)
2. Measures angles of incidence and reflection, etc. (29.22)
3. Differentiates materials, organism and processes (32.41)
4. Plots and interprets graphs (32.74)
5. Constructs models using materials from surroundings and explains their working (33.48)


District Report Card: 2017			
<b>State:</b> Telangana		<b>District:</b> MEDCHAL-MALKAJGIRI	
<b>Class:</b> 8		<b>Subject:</b> Social Science	
<b>Schools:</b> 51		<b>Students:</b> 1338	


### Participation/Coverage


#### Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	580	43.35	758	56.65

AREA 	Rural		Urban	
	Number	%	Number	%
	580	43.35	758	56.65

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	408	30.49	108	8.07	715	53.44	107	8.00

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	1	1	0	2	27

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1337	99.93	1	0.07

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>38.51</b>	<b>38.39</b>	<b>38.60</b>	<b>37.76</b>	<b>39.09</b>	<b>38.47</b>	<b>93.33</b>	<b>36.81</b>	<b>39.57</b>	<b>39.66</b>	<b>36.20</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	58.37
SST610	Locates important historical sites, places on an outline map of India	19.00
SST625	Describes the functioning of rural and urban local government bodies in sectors like health and education	25.64
SST703	Explains preventive actions to be undertaken in the event of disasters	41.41
SST704	Describes formation of landforms due to various factors	45.55
SST722	Explains the significance of equality in democracy	34.96
SST726	Describes the process of election to the legislative assembly	53.93
SST731	Explains the functioning of media with appropriate examples from newspapers.	45.19
SST733	Differentiates between different kinds of markets	50.38
SST734	Traces how goods travel through various market places.	49.19
SST802	Describes major crops, types of farming and agricultural practices in her/his own area/state	50.82
SST805	Locates distribution of important minerals e.g. coal and mineral oil on the world map	35.70
SST807	Justifies judicious use of natural resources	38.01
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	32.74
SST815	Explains the origin, nature and spread of the revolt of 1857 and the lessons learned from it	27.45
SST816	Analyses the decline of pre-existing urban centers and handicraft industries and the development of new urban centers and industries in India during the colonial period	31.17
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	26.98
SST823	Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation	26.23
SST827	Describes the process of making a law. (e.g. Domestic Violence Act, RTI Act, RTE Act)	29.86
SST831	Identifies the role of Government in providing public facilities such as water, sanitation, road, electricity etc., and recognizes their availability	33.45
SST833	Draws bar diagram to show population of different countries/India/states	58.22

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
509	38.04	487	36.40	271	20.25	71	5.31

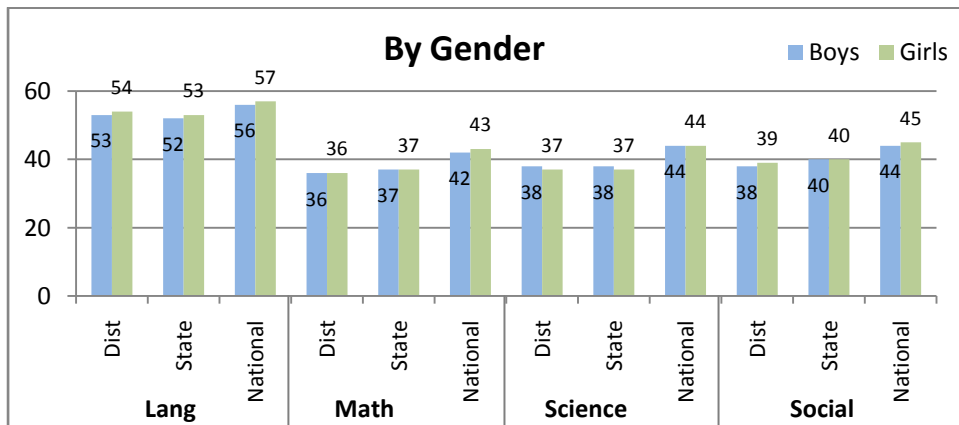
### Lowest Performing Learning Outcomes (LOs)

1. Locates important historical sites, places on an outline map of India (19)
2. Describes the functioning of rural and urban local government bodies in sectors like health and education (25.64)
3. Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation (26.23)
4. Analyses the issues related to caste, women, widow remarriage, child marriage, social reforms and the laws and policies of colonial administration towards these issues (26.98)
5. Explains the origin, nature and spread of the revolt of 1857 and the lessons learned from it (27.45)

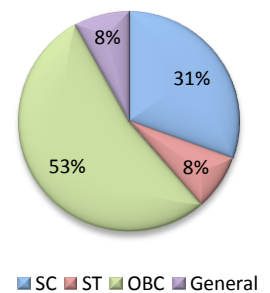
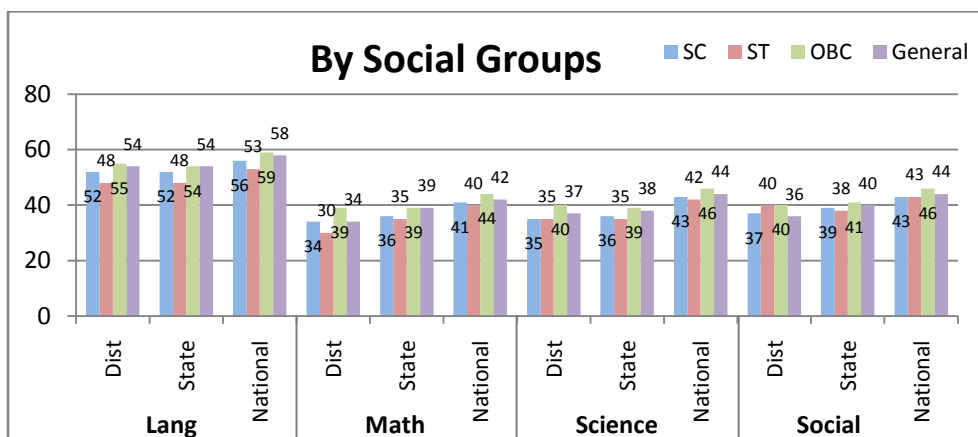
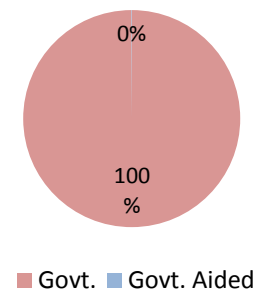
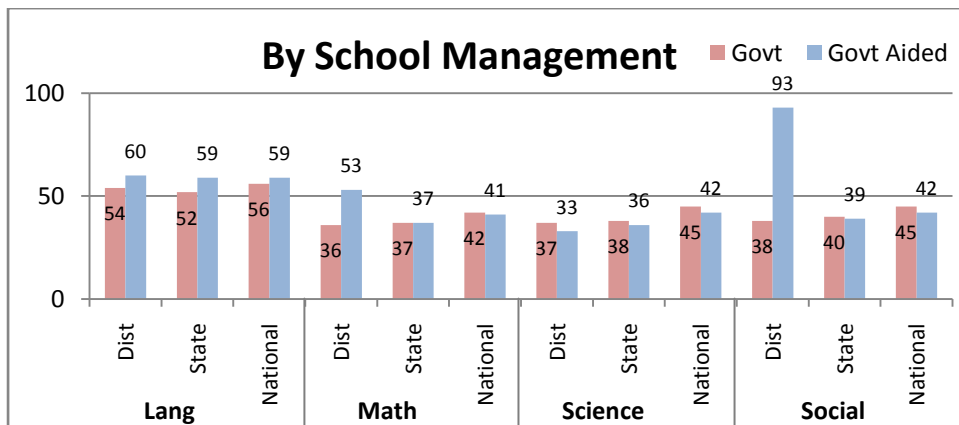
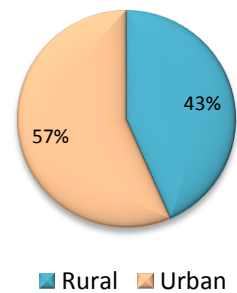
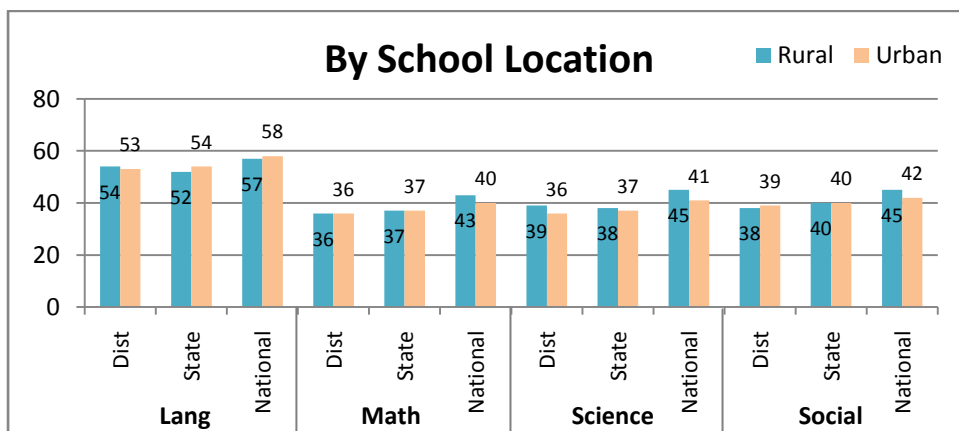
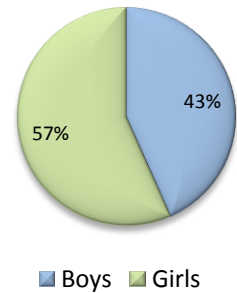
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# Class 8 District Results by Student Groups

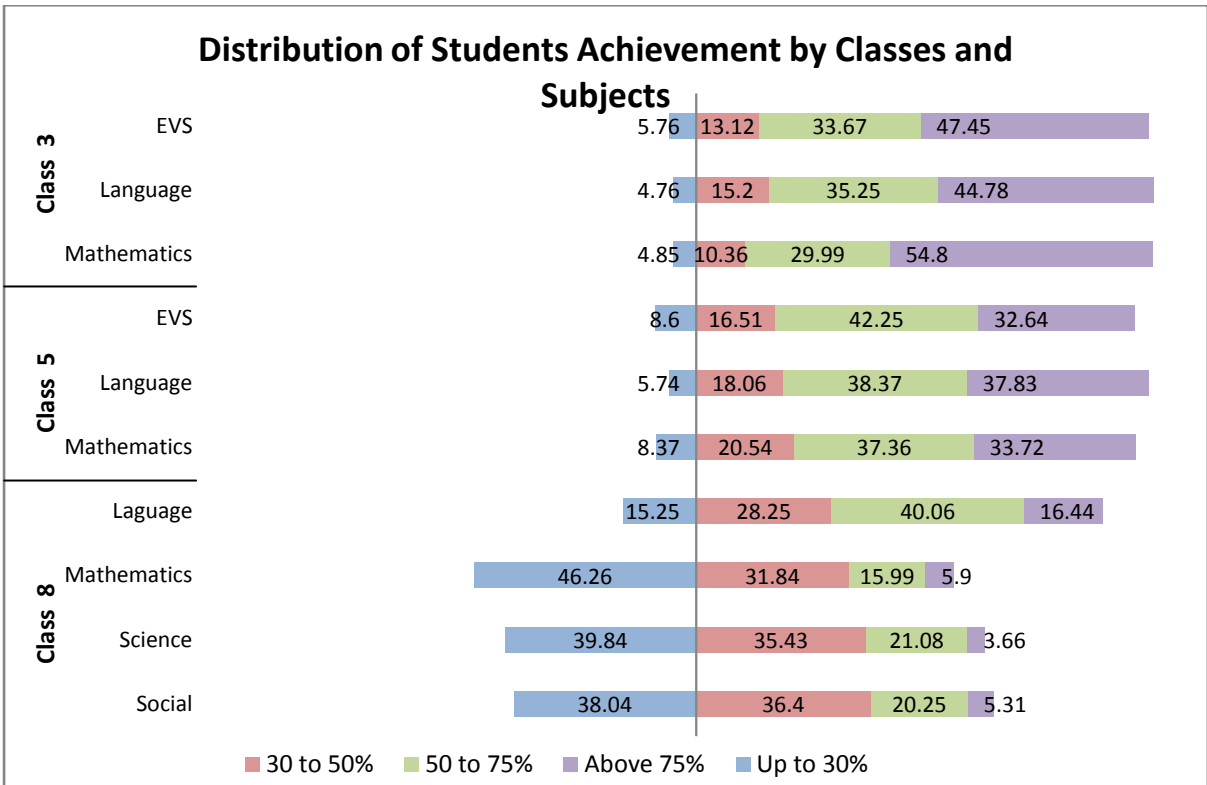
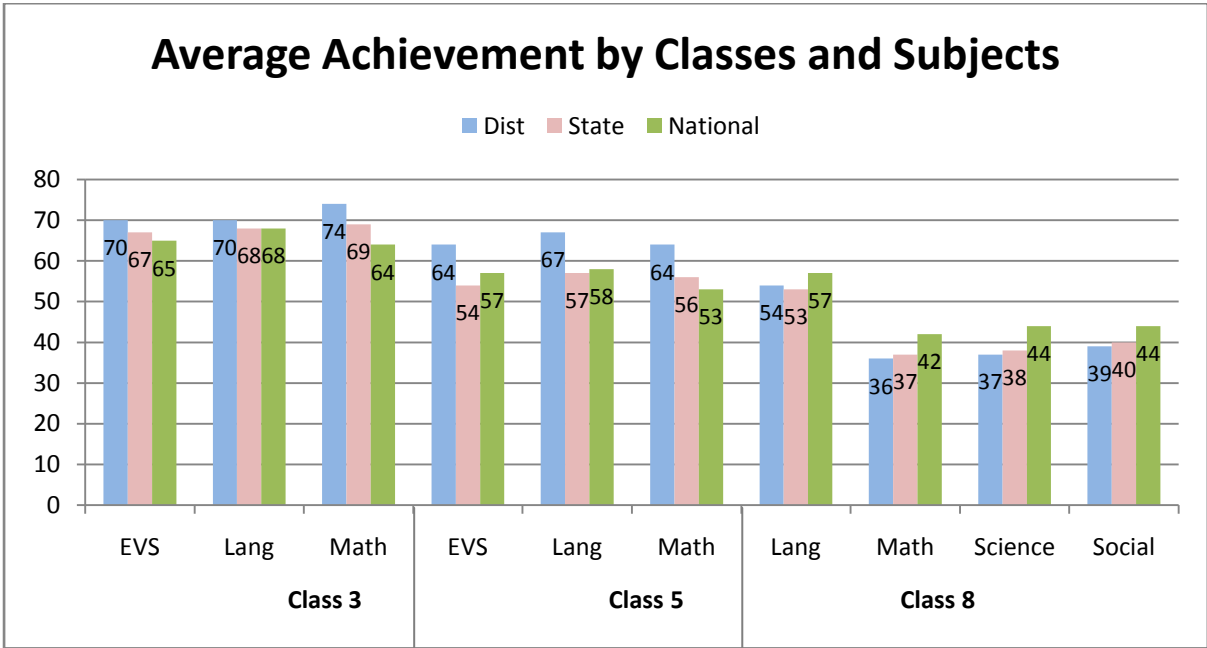
## Performance



## Participation



# MEDCHAL MALKAJGIRI



## By Gender

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

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



## By School Location

### Rural Area



Performed better in

**Class 3: EVS & Math**

**Class 5:**

**Class 8: Language, Math & Science**

### Urban Area



Performed better in

**Class 3: EVS & Language**

**Class 5: EVS, Language & Math**

**Class 8: Math & Social**



## By School Management

### Government



Performed better in

Class 3:  
Class 5: EVS  
Class 8: Science

### Government Aided



Performed better in

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

## By Social Groups

### SC



First in

Class 3:  
Class 5:  
Class 8:

### ST



First in

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

### OBC



First in

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

### General



First in

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

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

**MEDCHAL MALKAJGIRI**

<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
	Mathematics	M412
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, SCI708, SCI710, SCI711, SCI801, SCI804, SCI805, SCI807, SCI811, SCI813
	Social Studies	SST610, SST625, SST703, SST704, SST722, SST731, SST734, SST805, SST807, SST809, SST810, SST815, SST816, SST818, SST823, SST827, SST831