



NAS 2017

NATIONAL ACHIEVEMENT SURVEY

Class : 3, 5 and 8

District Report

NIRMAL, 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 3076 students and 171 schools are from Nirmal 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	
State: Telangana	District: Nirmal
Class: 3	Subject: EVS
Schools: 60	Students: 813

Participation/Coverage

Students

GENDER 	Boys		Girls					
	Number	%	Number	%				
	358	44.03	455	55.97				
AREA 	Rural		Urban					
	Number	%	Number	%				
	685	84.26	128	15.74				
CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	158	19.43	224	27.55	373	45.88	58	7.13
CWSN 	LD	VI	HI	S&LD	ID	Oth		
	2	0	1	1	2	14		
Management 	Government		Government-aided					
	Number	%	Number	%				
	813	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
69.95	68.38	71.18	68.57	77.29	69.95	0.00	69.96	69.02	69.63	75.52

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.	53.87
E303	Identifies relationships with and among family members	58.72
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	71.25
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	75.71
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)	77.19
E309	Identifies directions, location of objects/places in simple maps using signs/symbols/verbally	69.70
E310	Guesses properties, estimates quantities of materials/activities in daily life and verifies using symbols/non-standard units	70.23
E311	Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc.	58.06
E313	Observes rules in games (local, indoor, outdoor)	41.77
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.	78.35

Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
44	5.41	99	12.18	308	37.88	362	44.53






Lowest Performing Learning Outcomes (LOs)

- 1 - Observes rules in games (local, indoor, outdoor) (41.77)
- 2 - Identifies simple features (e.g. movement, at places found/ kept, eating habits, sounds) of animals and birds in the immediate surroundings. (53.87)
- 3 - Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc. (58.06)
- 4 - Identifies relationships with and among family members (58.72)
- 5 - Identifies directions, location of objects/places in simple maps using signs/symbols/verbally (69.70)

District Report Card: 2017			
State: Telangana		District: Nirmal	
Class: 3		Subject: Language	
Schools: 60		Students: 813	

Participation/Coverage

Students

GENDER 	Boys				Girls			
	Number		%		Number		%	
	358		44.03		455		55.97	
AREA 	Rural				Urban			
	Number		%		Number		%	
	685		84.26		128		15.74	
CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	158	19.43	224	27.55	373	45.88	58	7.13
CWSN 	LD	VI	HI	S&LD	ID	Oth		
	2	0	1	1	2	14		
Management 	Government				Government-aided			
	Number		%		Number		%	
	813		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
71.44	70.60	72.10	70.30	77.55	71.44	0.00	73.63	67.14	72.35	76.21

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	70.59
L312	Reads printed scripts on the classroom walls: poems, posters, charts etc.	73.14

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
35	4.31	103	12.67	290	35.67	385	47.36






Lowest Performing Learning Outcomes (LOs)

- 1 - Reads small texts with comprehension i.e., identifies main ideas, details, sequence and draws conclusions (70.59)
- 2 - Reads printed scripts on the classroom walls: poems, posters, charts etc. (73.14)

District Report Card: 2017	
State: Telangana	District: Nirmal
Class: 3	Subject: Mathematics
Schools: 60	Students: 813

Participation/Coverage

Students

GENDER 	Boys		Girls					
	Number	%	Number	%				
	358	44.03	455	55.97				
AREA 	Rural		Urban					
	Number	%	Number	%				
	685	84.26	128	15.74				
CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	158	19.43	224	27.55	373	45.88	58	7.13
CWSN 	LD	VI	HI	S&LD	ID	Oth		
	2	0	1	1	2	14		
Management 	Government		Government-aided					
	Number	%	Number	%				
	813	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
70.41	69.70	70.97	70.31	70.99	70.41	0.00	69.96	70.57	69.76	75.29

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	70.32
M302	Compares numbers up to 999 based on their place values	84.87
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	68.65
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	67.53
M305	Analyses and applies an appropriate number operation in the situation/ context	67.77
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	69.50
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	83.28
M311	Fills a given region leaving no gaps using a tile of a given shape	52.46
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	30.47
M317	Reads the time correctly to the hour using a clock/watch	77.86
M318	Extends patterns in simple shapes and numbers	65.21
M319	Records data using tally marks, represents pictorially and draws conclusions	82.41

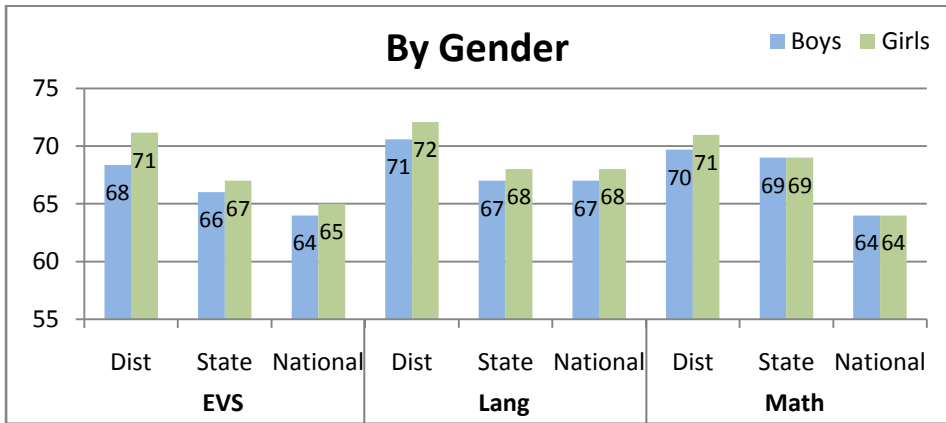
Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
43	5.29	114	14.02	274	33.70	382	46.99

Lowest Performing Learning Outcomes (LOs)

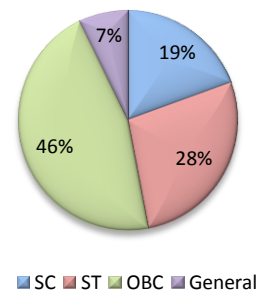
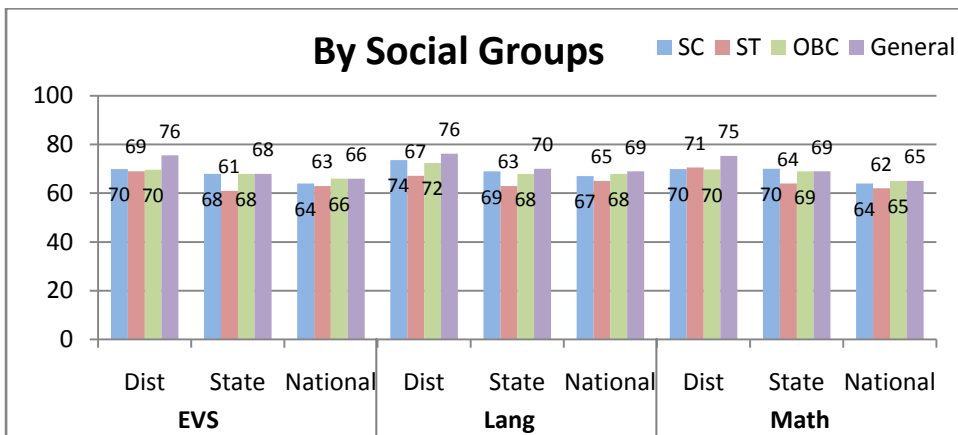
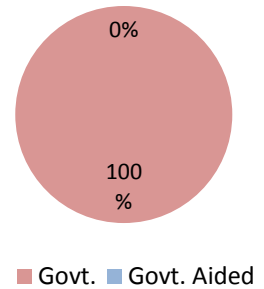
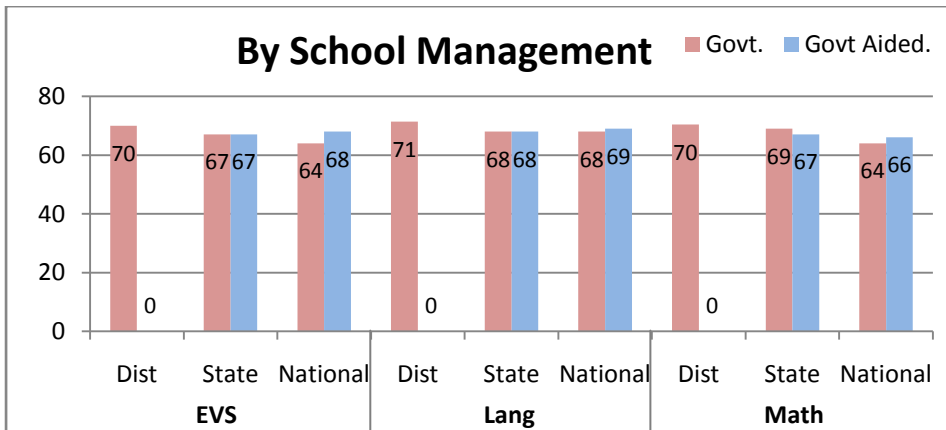
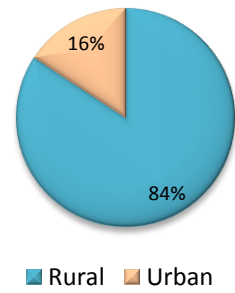
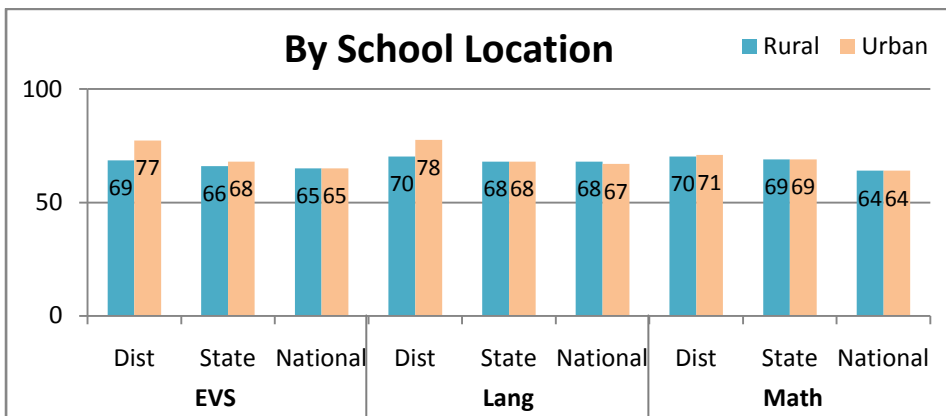
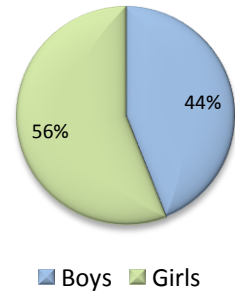
- 1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (30.47)
- 2 - Fills a given region leaving no gaps using a tile of a given shape (52.46)
- 3 - Extends patterns in simple shapes and numbers (65.21)
- 4 - Constructs and uses the multiplication facts (up till 10) in daily life situations (67.53)
- 5 - Analyses and applies an appropriate number operation in the situation/ context (67.77)

Class 3 District Results by Student Groups

Performance








Participation



District Report Card: 2017	
State: Telangana	District: Nirmal
Class: 5	Subject: EVS
Schools: 60	Students: 923

Participation/Coverage

Students

GENDER 	Boys		Girls					
	Number	%	Number	%				
	437	47.35	486	52.65				
AREA 	Rural		Urban					
	Number	%	Number	%				
	762	82.56	161	17.44				
CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	191	20.69	251	27.19	432	46.80	49	5.31
CWSN 	LD	VI	HI	S&LD	ID	Oth		
	3	1	0	1	1	7		
Management 	Government		Government-aided					
	Number	%	Number	%				
	923	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
53.43	53.38	53.47	51.79	61.16	53.43	0.00	47.61	49.59	57.84	56.87

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
E403	Identifies relationship with and among family members in extended family	55.77
E410	Records observations/experiences/information for objects, activities, phenomena, places visited in different ways and predicts patterns and activities/ phenomena	61.76
E501	Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc.	43.99
E503	Describes the interdependence among animals, plants and humans	46.48
E504	Explains the role and functions of different institutions in daily life (Bank, Panchayat, cooperatives, police station, etc.)	62.62
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)	32.97
E506	Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc.	35.60
E507	Traces the changes in practices, customs, techniques of past and present through coins, paintings, monuments, museum etc. and interacting with elders	55.56
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	47.50
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.	55.24
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	59.19
E512	Voices opinions on issues observed/experienced and relates practices /happenings to larger issues of society	58.46
E513	Suggests ways for hygiene, health, managing waste, disaster/emergency situations and protecting/saving resources	62.40

Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
151	16.36	267	28.93	346	37.49	159	17.23

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) (32.97)
- 2 - Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc. (35.60)
- 3 - Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc. (43.99)
- 4 - Describes the interdependence among animals, plants and humans (46.48)
- 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 (47.50)

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			
State: Telangana		District: Nirmal	
Class: 5		Subject: Language	
Schools: 60		Students: 923	

Participation/Coverage

Students

GENDER 	Boys				Girls			
	Number		%		Number		%	
	437		47.35		486		52.65	
AREA 	Rural				Urban			
	Number		%		Number		%	
	762		82.56		161		17.44	
CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	191	20.69	251	27.19	432	46.80	49	5.31
CWSN 	LD	VI	HI	S&LD	ID	Oth		
	3	1	0	1	1	7		
Management 	Government				Government-aided			
	Number		%		Number		%	
	923		100.00		0		0.00	

Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
54.39	55.03	53.81	52.65	62.61	54.39	0.00	48.13	52.16	57.98	58.50

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
L504	Reads and comprehends independently storybooks, news items/ headlines, advertisements etc.	52.44
L508	Reads text with comprehension, locates details and sequence of events	55.36

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
152	16.47	251	27.19	338	36.62	182	19.72






Lowest Performing Learning Outcomes (LOs)

- 1 - Reads and comprehends independently storybooks, news items/ headlines, advertisements etc. (52.44)
- 2 - Reads text with comprehension, locates details and sequence of events (55.36)

District Report Card: 2017	
State: Telangana	District: Nirmal
Class: 5	Subject: Mathematics
Schools: 60	Students: 923

Participation/Coverage

Students

GENDER 	Boys		Girls					
	Number	%	Number	%				
	437	47.35	486	52.65				
AREA 	Rural		Urban					
	Number	%	Number	%				
	762	82.56	161	17.44				
CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	191	20.69	251	27.19	432	46.80	49	5.31
CWSN 	LD	VI	HI	S&LD	ID	Oth		
	3	1	0	1	1	7		
Management 	Government		Government-aided					
	Number	%	Number	%				
	923	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
51.83	52.16	51.54	49.90	60.99	51.83	0.00	47.12	50.65	54.18	55.51

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	42.47
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	47.47
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	62.19
M421	Represent the collected information in tables and bar graphs and draws inferences from these	62.51
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	64.36
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	50.43
M505	Finds the number corresponding to part of a collection	51.76
M506	Identifies and forms equivalent fractions of a given fraction	47.56
M508	Converts fractions into decimals and vice versa	50.55
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	50.97
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	60.26
M513	Estimates the volume of a solid body in known units.	43.30
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	46.72
M515	Identifies the pattern in triangular numbers and square number	45.94
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	48.72

Range of Performance of Students who Answered Correctly

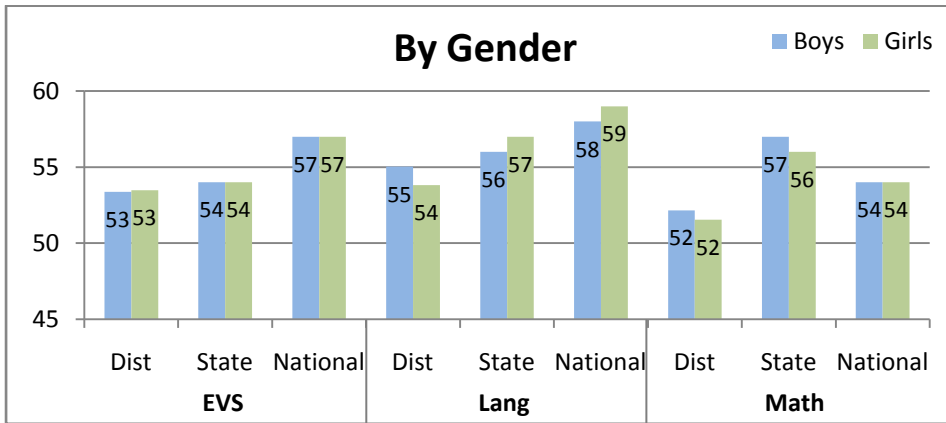
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
173	18.74	282	30.55	331	35.86	137	14.84

Lowest Performing Learning Outcomes (LOs)

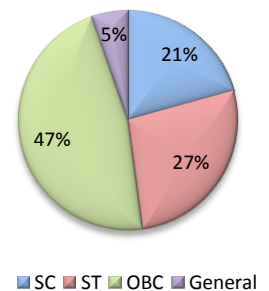
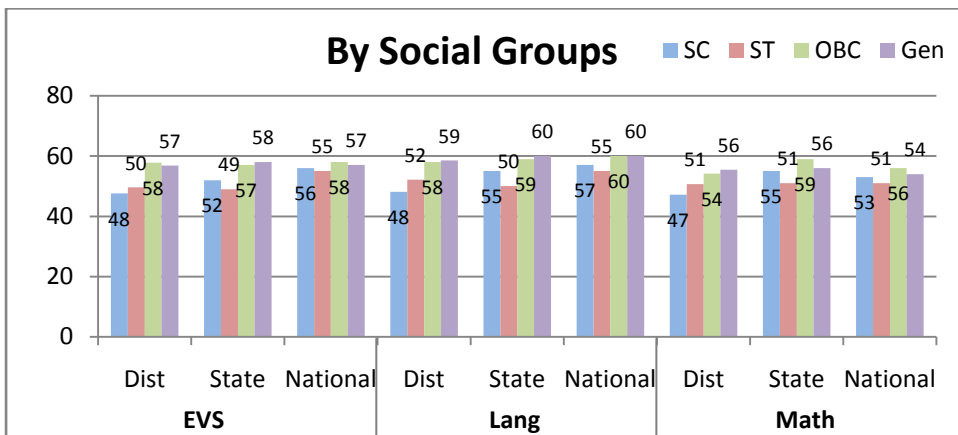
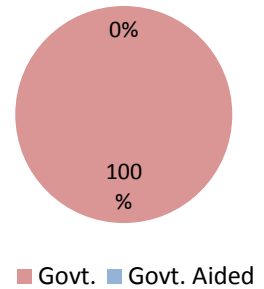
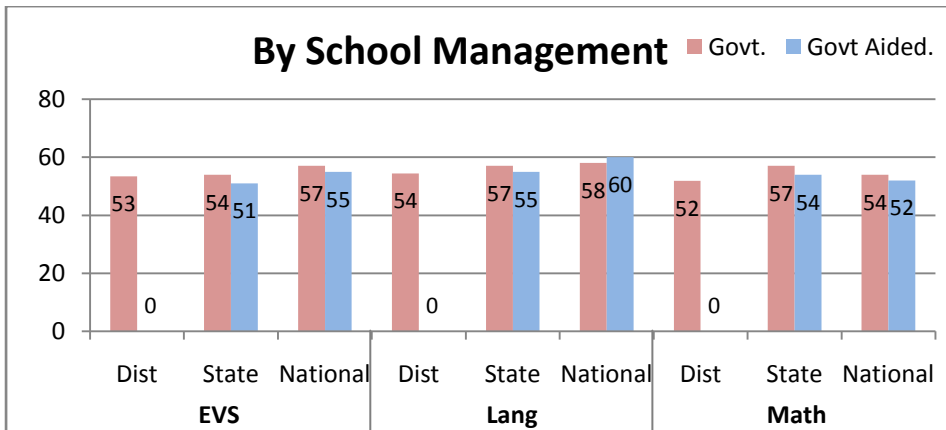
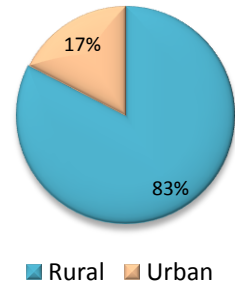
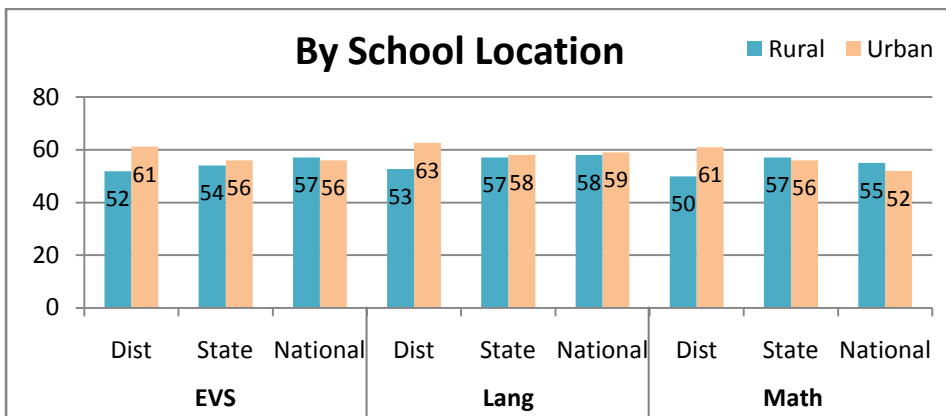
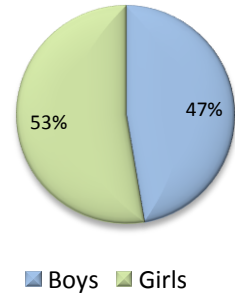
- 1 - Applies operations of numbers in daily life situations (42.47)
- 2 - Estimates the volume of a solid body in known units. (43.30)
- 3 - Identifies the pattern in triangular numbers and square number (45.94)
- 4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (46.72)
- 5 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (47.47)

Class 5 District Results by Student Groups

Performance




Participation





District Report Card: 2017			
State: Telangana		District: NIRMAL	
Class: 8		Subject: Language	
Schools: 51		Students: 1340	


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	574	42.84	766	57.16

 AREA	Rural		Urban	
	Number	%	Number	%
	1186	88.51	154	11.49

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	291	21.72	186	13.88	732	54.63	131	9.78

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

 MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1338	99.85	2	0.15

Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
54.86	54.18	55.36	54.69	56.15	54.90	26.67	51.34	56.92	55.84	54.25

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
L813	Read textual/non-textual materials with comprehension and identifies the details, characters, main idea and sequence of ideas and events while reading	54.86

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
201	15.00	345	25.75	555	41.42	239	17.84

Lowest Performing Learning Outcomes (LOs)


1 - Read textual/non-textual materials with comprehension and identifies the details, characters, main idea and sequence of ideas and events while reading (54.86)


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			
State: Telangana		District: NIRMAL	
Class: 8		Subject: Mathematics	
Schools: 51		Students: 1340	


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	574	42.84	766	57.16

AREA 	Rural		Urban	
	Number	%	Number	%
	1186	88.51	154	11.49

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	291	21.72	186	13.88	732	54.63	131	9.78

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

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1338	99.85	2	0.15

Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
39.96	38.40	41.13	39.07	46.84	40.00	16.67	36.75	45.34	39.29	43.21

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	38.13
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	41.10
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.	39.33
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	41.69
M702	Interprets the division and multiplication of fractions	36.57
M705	Solves problems related to daily life situations involving rational numbers	40.15
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers.	31.68
M707	Adds/subtracts algebraic expressions	42.01
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	30.33
M717	Finds out approximate area of closed shapes by using unit square grid/ graph sheet	38.28
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	54.03
M721	Interprets data using bar graph such as consumption of electricity is more in winters than summer	50.30
M801	Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns	30.48
M802	Finds rational numbers between two given rational numbers	36.19
M803	Proves divisibility rules of 2, 3,4, 5, 6, 9 and 11	47.63
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods.	44.44
M808	Use various algebraic identities in solving problems of daily life.	51.05
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	31.42
M818	Finds surface area and volume of cuboidal and cylindrical object	33.03
M819	Draws and interprets bar charts and pie charts	36.87

Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
501	37.39	443	33.06	295	22.01	101	7.54

Lowest Performing Learning Outcomes (LOs)


1. Solves problems related to conversion of percentage to fraction and decimal and vice versa (30.33)
2. Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns (30.48)
3. Verifies properties of parallelogram and establishes the relationship between them through reasoning (31.42)
4. Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers. (31.68)
5. Solves problems related to conversion of percentage to fraction and decimal and vice versa (33.03)


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	
State: Telangana	District: NIRMAL
Class: 8	Subject: Science
Schools: 51	Students: 1340


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	574	42.84	766	57.16

AREA 	Rural		Urban	
	Number	%	Number	%
	1186	88.51	154	11.49

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	291	21.72	186	13.88	732	54.63	131	9.78

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

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1338	99.85	2	0.15

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.40	38.89	41.54	39.61	46.49	40.44	13.33	37.41	43.91	40.26	42.90

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.72
SCI704	Conducts simple investigation to seek answers to queries	24.89
SCI705	Relates processes and phenomenon with causes	50.00
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	41.57
SCI710	Plots and interprets graphs	39.32
SCI711	Constructs models using materials from surroundings and explains their working	37.69
SCI801	Differentiates materials, organism and processes	36.57
SCI804	Relates processes and phenomenon with causes	52.08
SCI805	Explains processes and phenomenon	34.70
SCI807	Measures angles of incidence and reflection, etc.	34.03
SCI811	Applies learning of scientific concepts in day-to-day life	44.89
SCI813	Makes efforts to protect environment	57.39

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
499	37.24	436	32.54	320	23.88	85	6.34


Lowest Performing Learning Outcomes (LOs)


1. Conducts simple investigation to seek answers to queries (24.89)
2. Measures angles of incidence and reflection, etc. (34.03)
3. Explains processes and phenomenon (34.7)
4. Differentiates materials, organism and processes (36.57)
5. Constructs models using materials from surroundings and explains their working (37.69)


District Report Card: 2017			
State: Telangana		District: NIRMAL	
Class: 8		Subject: Social Science	
Schools: 51		Students: 1340	


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	574	42.84	766	57.16

AREA 	Rural		Urban	
	Number	%	Number	%
	1186	88.51	154	11.49

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	291	21.72	186	13.88	732	54.63	131	9.78

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

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1338	99.85	2	0.15

Average Performance of Students in SST (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
42.09	41.84	42.29	41.53	46.41	42.13	16.67	36.91	44.34	42.30	49.26

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	59.78
SST610	Locates important historical sites, places on an outline map of India	19.82
SST625	Describes the functioning of rural and urban local government bodies in sectors like health and education	28.08
SST703	Explains preventive actions to be undertaken in the event of disasters	41.87
SST704	Describes formation of landforms due to various factors	46.55
SST722	Explains the significance of equality in democracy	40.36
SST726	Describes the process of election to the legislative assembly	56.53
SST731	Explains the functioning of media with appropriate examples from newspapers.	44.07
SST733	Differentiates between different kinds of markets	46.55
SST734	Traces how goods travel through various market places.	48.96
SST802	Describes major crops, types of farming and agricultural practices in her/his own area/state	57.76
SST805	Locates distribution of important minerals e.g. coal and mineral oil on the world map	44.66
SST807	Justifies judicious use of natural resources	46.25
SST809	Draws interrelationship between types of farming and development in different regions of the world	35.61
SST810	Distinguishes the modern period from the medieval and the ancient periods through the use of sources	43.92
SST815	Explains the origin, nature and spread of the revolt of 1857 and the lessons learned from it	35.14
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	34.85
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	36.12
SST823	Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation	27.24
SST827	Describes the process of making a law. (e.g. Domestic Violence Act, RTI Act, RTE Act)	34.53
SST831	Identifies the role of Government in providing public facilities such as water, sanitation, road, electricity etc., and recognizes their availability	34.74
SST833	Draws bar diagram to show population of different countries/India/states	64.99

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
437	32.61	462	34.48	318	23.73	123	9.18

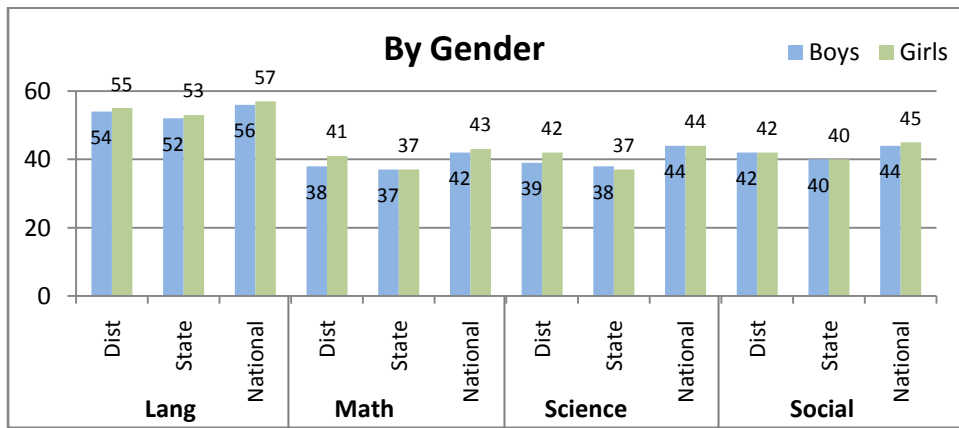
Lowest Performing Learning Outcomes (LOs)

1. Locates important historical sites, places on an outline map of India (19.82)
2. Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation (27.24)
3. Describes the functioning of rural and urban local government bodies in sectors like health and education (28.08)
4. Describes the process of making a law. (e.g. Domestic Violence Act, RTI Act, RTE Act) (34.53)
5. Identifies the role of Government in providing public facilities such as water, sanitation, road, electricity etc., and recognizes their availability (34.74)

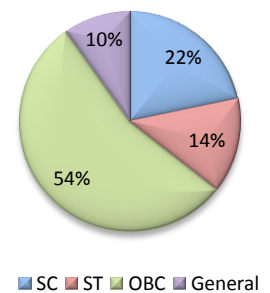
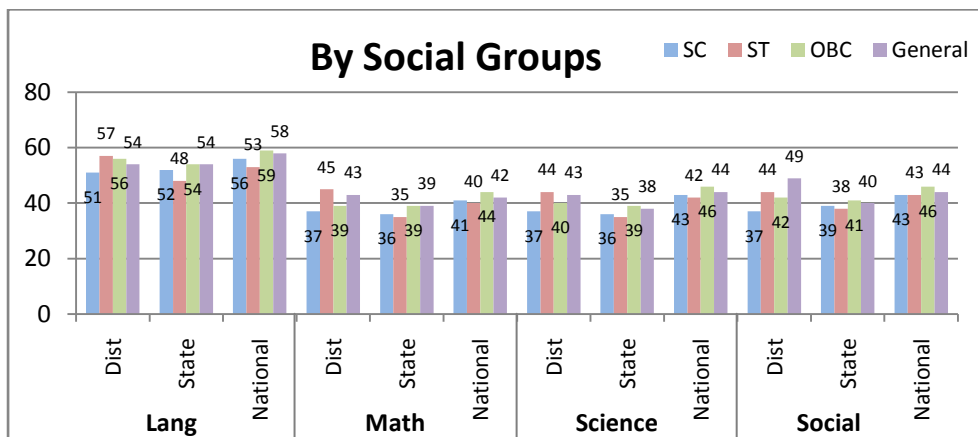
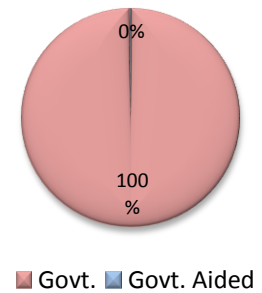
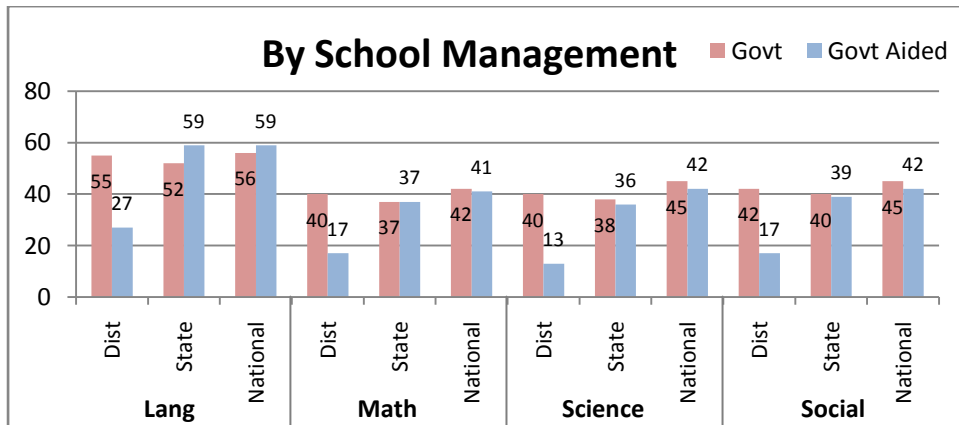
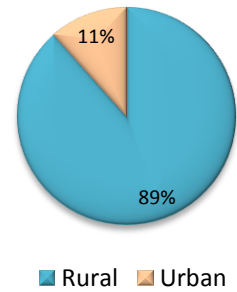
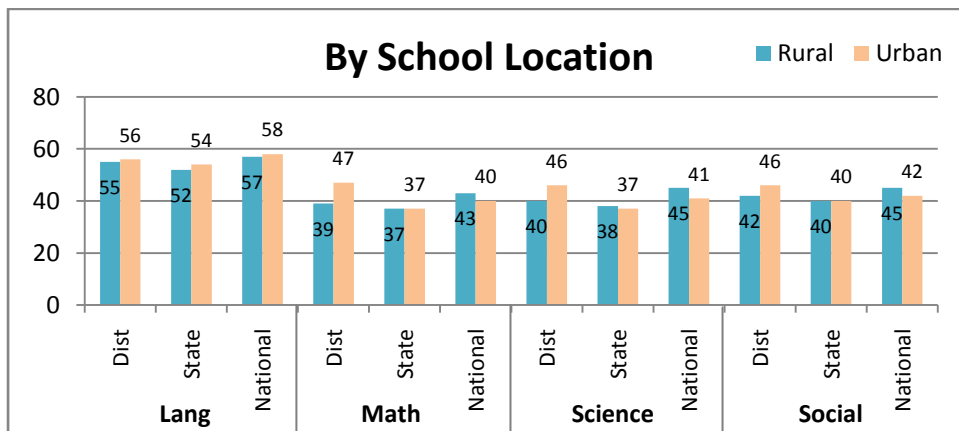
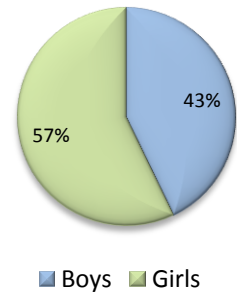
CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment;
S&LD- Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

Class 8 District Results by Student Groups

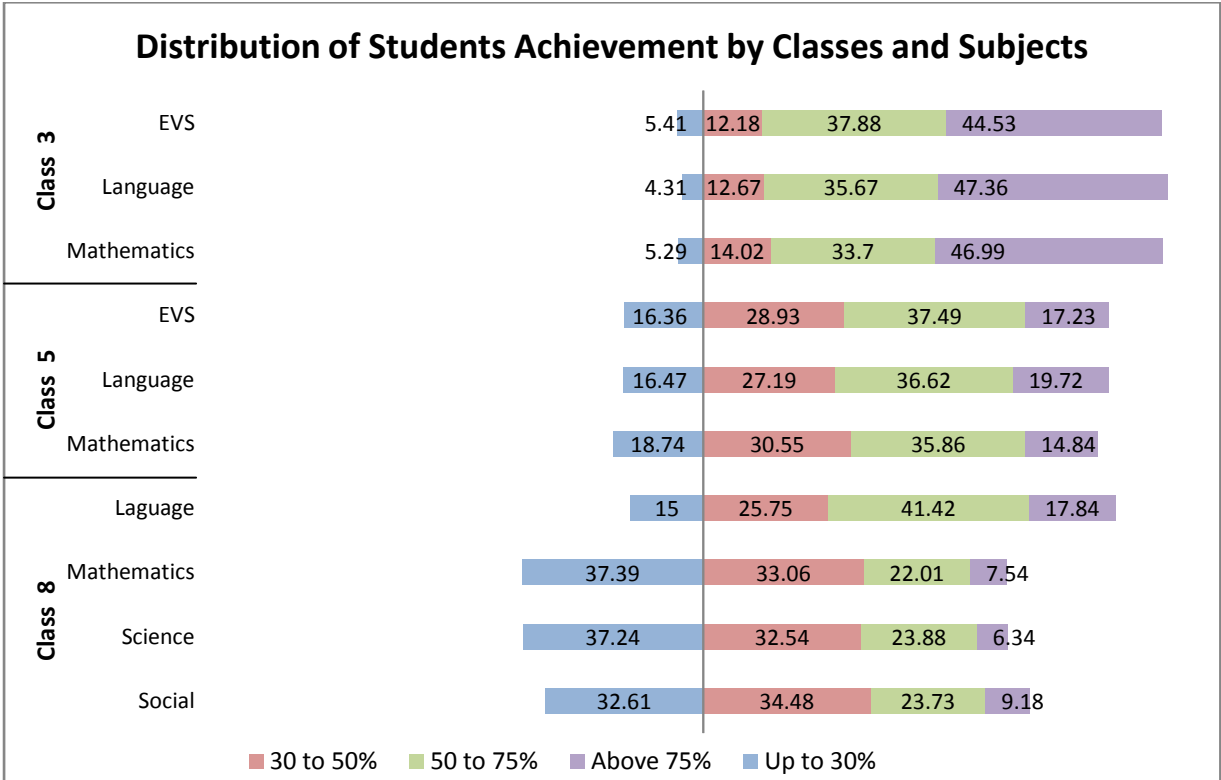
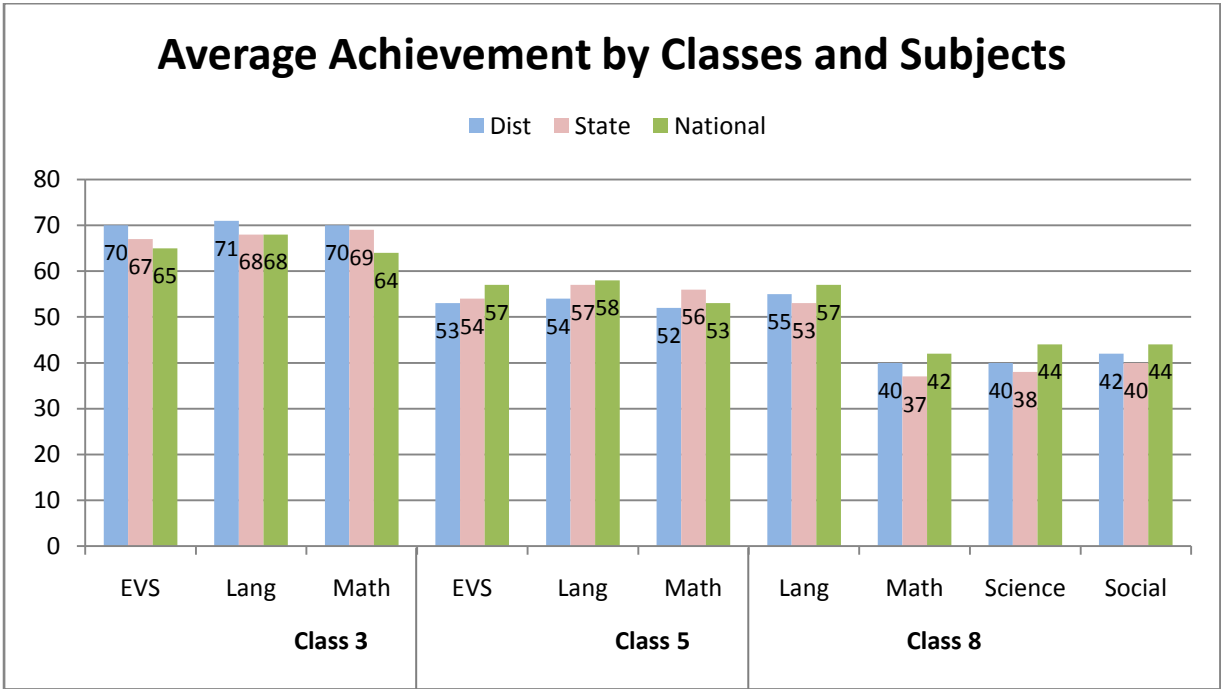
Performance



Participation



NIRMAL



By Gender

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

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



By School Location

Rural Area



Performed better in

Class 3:
Class 5:
Class 8:

Urban Area



Performed better in

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

By School Management

Government



Performed better in

Class 3: EVS, Language & Math

Class 5: EVS, Language & Math

Class 8: Language, Math, Science & Social

Government Aided



Performed better in

Class 3:

Class 5:

Class 8:

By Social Groups

SC



First in

Class 3:

Class 5:

Class 8:

ST



First in

Class 3:

Class 5:

Class 8: Language, Maths & Science

OBC



First in

Class 3:

Class 5: EVS

Class 8:

General



First in

Class 3: EVS, Language, Math

Class 5: Math, Language

Class 8: Social

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

NIRMAL

Class	Subject	Learning Outcome
Class 3	Language	Nil
	EVS	E313
	Mathematics	M312
Class 5	Language	Nil
	EVS	E501, E503, E505, E506, E508
	Mathematics	M401, M412, M506, M513, M515, M514, M516
Class 8	Language	Nil
	Mathematics	M601, M606, M620, M621, M705, M706, M707, M710, M717, M801, M802, M803, M804, M812, M818, M819
	Science	SCI703, SCI705, SCI708, SCI710, SCI711, SCI801, SCI804, SCI807, SCI811
	Social Studies	SST610, SST625, SST703, SST704, SST722, SST731, SST733, SST734, SST805, SST807, SST809, SST810, SST815, SST816, SST818, SST823, SST827, SST831