TEST FOR STUDENT LEARNING

Report Submitted To
Naandi Foundation (Mumbai)
April 2012
By

Educational INITIATIVES

Dear Naandi Team,

The "Mumbai Public School (MPS) Programme" is a joint initiative between the Government of Maharashtra and Naandi Foundation which involves working with the governement teacher to deliver high quality learning outcomes by providing them the right forms of support and measuring outcomes regularly. For its initiatives in the government schools of Mumbai, Naandi is partnering with Educational Initiatives for understanding and assessing the quality of learning. The intervention covers classes 1 and 2. The assessment covers students from classes 1 and 2 in English. The project is currently in the first year.

The report enclosed is for the 2nd phase of Assessment conducted in April, 2012. The content page provides details of the report.

Thank you
EI Team

CONTENTS

Test For Student Learning For Mumbai Public Schools (MPS)

WHAT IS THE OVERALL IMPROVEMENT IN THE PROGRAM? - A BIRDS' EYE VIEW
July 2011 Vs April 2012

Medium: English

Test 2: April 2012

Treatment 1: Mumbai Public Schools

Test 1: July 2011

Maths	Gain			Significance	Effect	Language	Gain			Significance	Effect
Class	Test 2	Test 1	Difference			Class	Test 2	Test 1	Difference		
1	64.7%	23.2%	41.4%	▲*	Large	1	62.4%	28.1%	34.4%	▲*	Large
2	60.6%	33.5%	27.1%	▲*	Large	2	60.2%	28.7%	31.5%	▲*	Large
3	NT					3	NT				
4	NT					4	NT				
5	NT					5	NT				
6	NT					6	NT				
7	NT					7	NT				
8	NT					8	NT				
9	NT					9	NT				
10	NT					10	NT				

* Difference is the change in scores between the 2 tests (July 2011 Vs April 2012)

▲* - Score in Test 2 is statistically significantly higher than score in Test 1.

▼* - Score in Test 2 is statistically significantly lower than score in Test 1.

▲ - Score in Test 2 is higher than score in Test 1, but not statistically significant.

▼ - Score in Test 2 is lower than score in Test 1, but not statistically significant.

* Statistical significance is reported at 95% confidence level.

* Effect is interpreted as Cohen's conventional criterion of < Small < Medium < Large when the difference is statistically significant.

* This comparison is based on the common schools that participated in July 2011 and April 2012.

* NT - Class Not Tested

WHAT WAS THE OVERALL PERFORMANCE ACHIEVED BY YOUR STUDENTS?

Medium: English   Group : Mumbai Public Schools   Test : April 2012   **English**
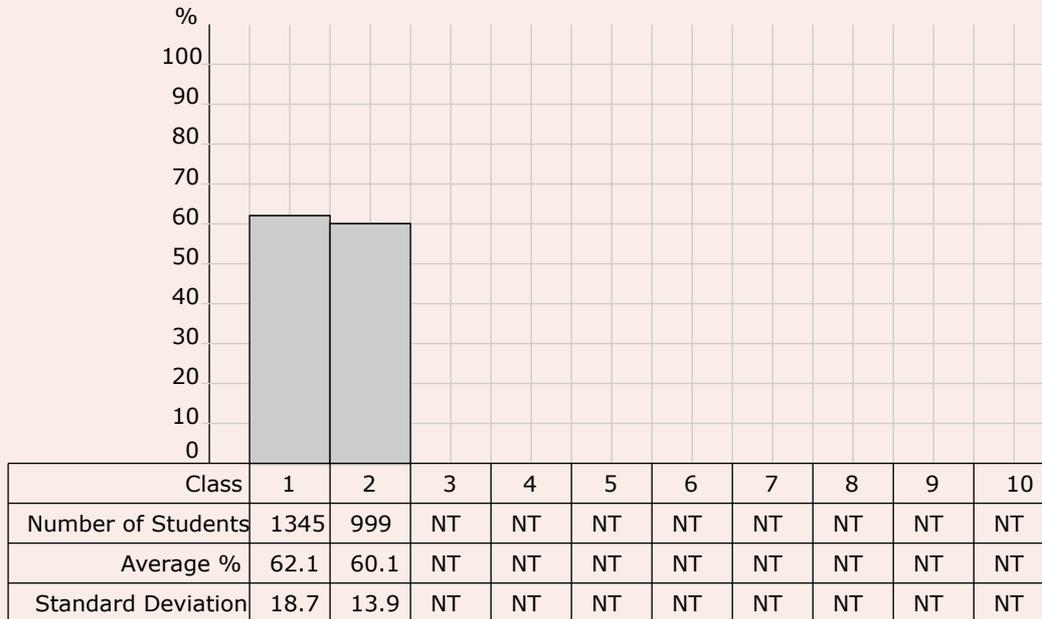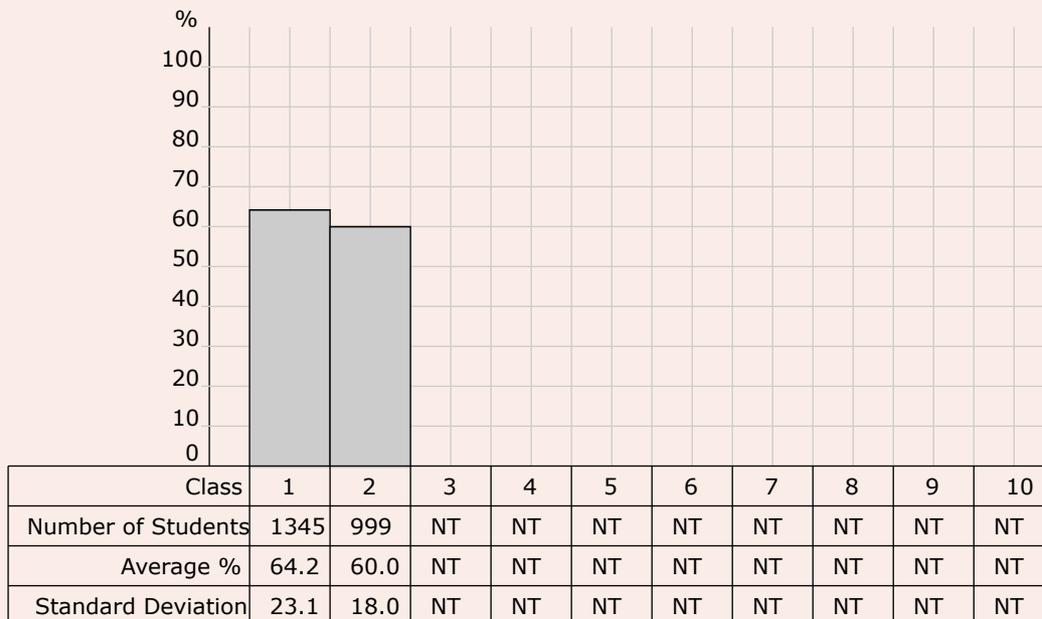
Class	1	2	3	4	5	6	7	8	9	10
Number of Students	1345	999	NT	NT	NT	NT	NT	NT	NT	NT
Average %	62.1	60.1	NT	NT	NT	NT	NT	NT	NT	NT
Standard Deviation	18.7	13.9	NT	NT	NT	NT	NT	NT	NT	NT

Medium: English   Group : Mumbai Public Schools   Test : April 2012   **Maths**

Class	1	2	3	4	5	6	7	8	9	10
Number of Students	1345	999	NT	NT	NT	NT	NT	NT	NT	NT
Average %	64.2	60.0	NT	NT	NT	NT	NT	NT	NT	NT
Standard Deviation	23.1	18.0	NT	NT	NT	NT	NT	NT	NT	NT

* The Average Performance is calculated from the number of correct responses given by students to the questions in the paper.

* The Standard Deviation (SD) represents the variation in the performance on a the test expressed as a percentage.

* A low SD implies that differences between the students is not very high.

* NT - Class Not Tested

Test For Student Learning For Mumbai Public Schools (MPS)

NUMBER OF STUDENTS TESTED AND QUALITY OF DATA COLLECTED IN THIS TEST

Sample Size: 100% of Treatment Schools

CONTROL GROUP TESTED: No

Percentage of Data Errors Prior to Data Cleaning :0.290

Percentage of Data Errors After Data Cleaning :0.003

Subject	Medium	Class	Group	April 2012	July 2011
English	English	1	Programme	1345	1163
English	English	2	Programme	999	991
Maths	English	1	Programme	1345	1163
Maths	English	2	Programme	999	991

* Control refers to students who were from similar schools that did not participate in the program.

* Number of students is specified for the last 4 rounds, if tested.

Test For Student Learning For Mumbai Public Schools (MPS)

HOW DID YOUR STUDENTS' PERFORM IN DIFFERENT SKILLS AND QUESTIONS THEY FOUND DIFFICULT/EASY

Medium: English   Group: Mumbai Public Schools   English   **1**

Test : April 2012   Number of Students: 1345   Average Score: 62.1   SD: 18.7

S.No	Skill Name	Questions	Average	SD	Difference % (- 0 +)		
1	Follows simple oral instructions	1, 2, 3, 4, 5	71.2%	26.8%		46.8	
2	Knows names of things, animals, body parts and common actions seen in daily life	6, 7, 8, 9, 10, 11, 12, 13	67.4%	20.1%		32.8	
3	Understands simple picture based stories that are read out.	18, 19, 20	27.4%	29.6%		3.3	
4	Identifies letter shapes and beginning letters	14, 15, 16, 17	65.9%	32.4%		39.9	

* The Average Performance is calculated from the number of correct responses given by students to the questions constituting specific skills.

* The Standard Deviation (SD) represents the variation in the performance on a particular skill expressed as a percentage.

* A low SD implies that differences between the students is not very high.

* Difference is change in skill scores over previous test.

SOME INTERESTING ANALYSIS

* Questions which students in your program found MOST DIFFICULT/EASY

Qno	% of Your Students Who Answered Correctly	DIFFICULT/EASY
13	8.5%	DIFFICULT
20	20.0%	DIFFICULT
18	21.3%	DIFFICULT
8	90.3%	EASY
10	88.4%	EASY
6	86.7%	EASY

Here are the 2 STRONGEST and 2 WEAKEST skills of your students for the above subject and class:
STRONG SKILLS:
Skill 1: Follows simple oral instructions
Skill 2: Knows names of things, animals, body parts and common actions seen in daily life
WEAK SKILLS:
Skill 3: Understands simple picture based stories that are read out.
Skill 4: Identifies letter shapes and beginning letters

Test For Student Learning For Mumbai Public Schools (MPS)

HOW DID YOUR STUDENTS' PERFORM IN DIFFERENT SKILLS AND QUESTIONS THEY FOUND DIFFICULT/EASY

Medium: English

Group: Mumbai Public Schools

Maths **1**

Test : April 2012

Number of Students: 1345

Average Score: 64.2

SD: 23.1

S.No	Skill Name	Questions	Average	SD	Difference % (- 0 +)		
1	Pre-maths skills	7, 9, 12	64.7%	29.9%		48.4	
2	Number sense	1, 3, 6, 8, 10, 17	67.7%	27.1%		38.0	
3	Measurement and its applications	2, 4, 11, 14	74.1%	29.2%		43.8	
4	Word problems	16, 19, 20	66.8%	35.3%		43.8	
5	Geometry: 3 Dimensional Shapes	5, 13, 15, 18	46.9%	30.8%		30.8	

* The Average Performance is calculated from the number of correct responses given by students to the questions constituting specific skills.

* The Standard Deviation (SD) represents the variation in the performance on a particular skill expressed as a percentage.

* A low SD implies that differences between the students is not very high.

* Difference is change in skill scores over previous test.

SOME INTERESTING ANALYSIS

* Questions which students in your program found MOST DIFFICULT/EASY

Qno	% of Your Students Who Answered Correctly	DIFFICULT/EASY
17	34.3%	DIFFICULT
5	37.0%	DIFFICULT
15	43.6%	DIFFICULT
1	83.3%	EASY
6	80.1%	EASY
3	79.0%	EASY

Here are the 2 STRONGEST and 2 WEAKEST skills of your students for the above subject and class:
STRONG SKILLS:
Skill 3: Measurement and its applications
Skill 2: Number sense
WEAK SKILLS:
Skill 5: Geometry: 3 Dimensional Shapes
Skill 1: Pre-maths skills

Test For Student Learning For Mumbai Public Schools (MPS)

HOW DID YOUR STUDENTS' PERFORM IN DIFFERENT SKILLS AND QUESTIONS THEY FOUND DIFFICULT/EASY

Medium: English   Group: Mumbai Public Schools   **English** **2**

Test : April 2012   Number of Students: 999   Average Score: 60.1   SD: 13.9

S.No	Skill Name	Questions	Average	SD	Difference % (- 0 +)		
1	Follows simple oral instructions	1, 2, 3, 4	68.2%	24.6%		29.3	
2	Recognises letters both by sound and in written form and writes them	5, 6, 7, 8	63.2%	27.0%		26.7	
3	Identifies letters that begin the names of objects and knows alphabetical sequence	9, 10, 11, 12, 13	69.0%	19.9%		32.5	
4	Reads simple words and is able to match words with pictures	14, 15, 16, 17	76.3%	23.5%		52.1	
5	Writes simple words either in response to dictations or simple questions	18, 19, 20, 21	31.5%	25.6%		7.3	
6	Understands simple picture based stories that are read out.	22, 23, 24, 25	50.0%	24.8%		30.5	

* The Average Performance is calculated from the number of correct responses given by students to the questions constituting specific skills.

* The Standard Deviation (SD) represents the variation in the performance on a particular skill expressed as a percentage.

* A low SD implies that differences between the students is not very high.

* Difference is change in skill scores over previous test.

SOME INTERESTING ANALYSIS

* Questions which students in your program found MOST DIFFICULT/EASY

Qno	% of Your Students Who Answered Correctly	DIFFICULT/EASY
20	12.8%	DIFFICULT
13	16.9%	DIFFICULT
7	19.7%	DIFFICULT
10	92.5%	EASY
16	90.7%	EASY
1	90.3%	EASY

Here are the 2 STRONGEST and 2 WEAKEST skills of your students for the above subject and class:
STRONG SKILLS:
Skill 4: Reads simple words and is able to match words with pictures
Skill 3: Identifies letters that begin the names of objects and knows alphabetical sequence
WEAK SKILLS:
Skill 5: Writes simple words either in response to dictations or simple questions
Skill 6: Understands simple picture based stories that are read out.

Test For Student Learning For Mumbai Public Schools (MPS)

HOW DID YOUR STUDENTS' PERFORM IN DIFFERENT SKILLS AND QUESTIONS THEY FOUND DIFFICULT/EASY

Medium: English   Group: Mumbai Public Schools   Maths 2

Test : April 2012   Number of Students: 999   Average Score: 60.0   SD: 18.0

S.No	Skill Name	Questions	Average	SD	Difference % (-	0	+)
1	Number sense	1, 6, 8, 11, 13, 14	58.0%	19.4%		20.3	
2	Addition	2, 7, 15, 19	72.2%	26.7%		23.5	
3	Subtraction	9, 10, 16	70.6%	32.8%		29.1	
4	Measurement and its applications	3, 4, 20	48.0%	28.0%		19.7	
5	Word problems	17, 21, 22	42.8%	28.4%		27.5	
6	Geometry: Basic Shapes	5, 12, 18	66.2%	31.5%		34.2	

* The Average Performance is calculated from the number of correct responses given by students to the questions constituting specific skills.

* The Standard Deviation (SD) represents the variation in the performance on a particular skill expressed as a percentage.

* A low SD implies that differences between the students is not very high.

* Difference is change in skill scores over previous test.

SOME INTERESTING ANALYSIS

* Questions which students in your program found MOST DIFFICULT/EASY

Qno	% of Your Students Who Answered Correctly	DIFFICULT/EASY
13	10.5%	DIFFICULT
20	15.3%	DIFFICULT
22	18.6%	DIFFICULT
1	90.9%	EASY
2	87.0%	EASY
6	83.1%	EASY

Here are the 2 STRONGEST and 2 WEAKEST skills of your students for the above subject and class:
STRONG SKILLS:
Skill 2: Addition
Skill 3: Subtraction
WEAK SKILLS:
Skill 5: Word problems
Skill 4: Measurement and its applications

HOW ARE YOUR STUDENTS' SCORES DISTRIBUTED?

Medium: English   Group: Mumbai Public Schools   English   1

Test 1 (T1): July 2011   Number of Students: 1163   Average Score: 28.7   SD: 24.4

Test 2 (T2): April 2012   Number of Students: 1345   Average Score: 62.1   SD: 18.7

	0-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100
T1%	34.1	13.8	10.6	10.1	10.7	9.7	6.1	3.5	1.2	0.1
T2%	2.6	1.8	4.3	4.5	10.0	20.5	27.7	17.2	9.1	2.2
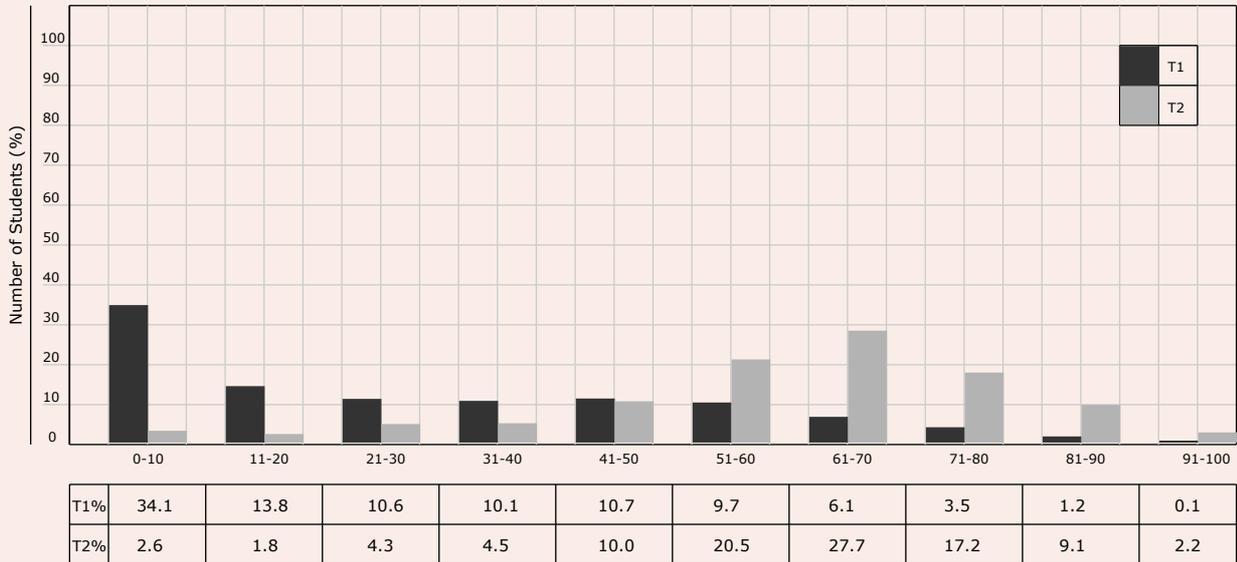
Medium: English   Group: Mumbai Public Schools   Maths   1

Test 1 (T1): July 2011   Number of Students: 1163   Average Score: 24.1   SD: 22.1

Test 2 (T2): April 2012   Number of Students: 1345   Average Score: 64.2   SD: 23.1
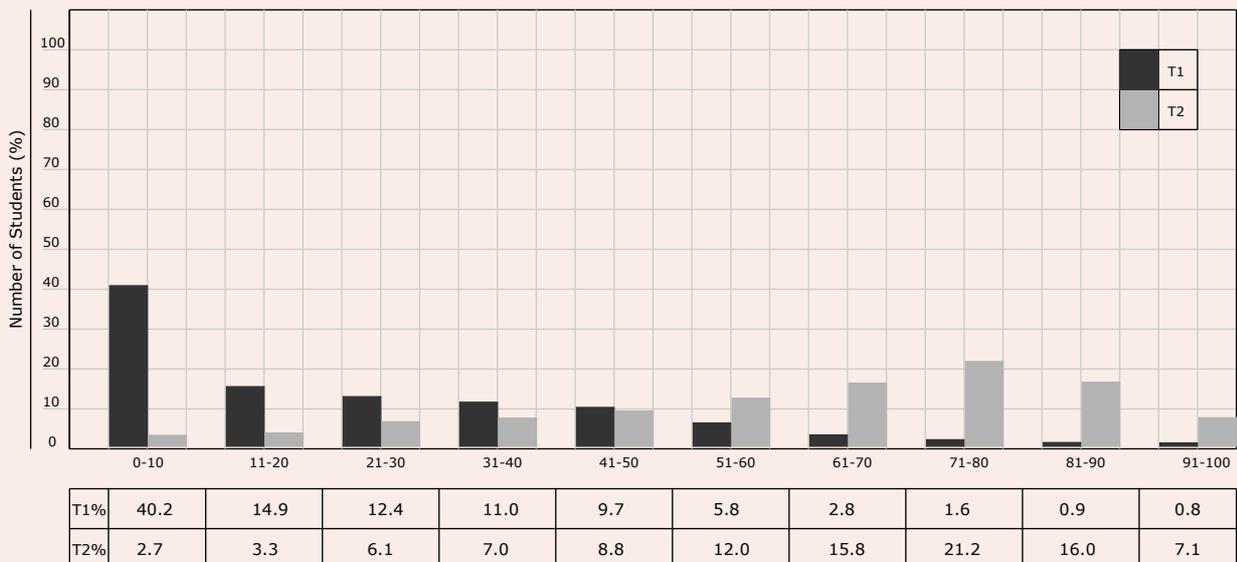
	0-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100
T1%	40.2	14.9	12.4	11.0	9.7	5.8	2.8	1.6	0.9	0.8
T2%	2.7	3.3	6.1	7.0	8.8	12.0	15.8	21.2	16.0	7.1

HOW ARE YOUR STUDENTS' SCORES DISTRIBUTED?

Medium: English   Group: Mumbai Public Schools   English **2**

Test 1 (T1): July 2011   Number of Students: 991   Average Score: 30.2   SD: 19.5

Test 2 (T2): April 2012 Number of Students: 999   Average Score: 60.1   SD: 13.9

	0-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100
T1%	19.7	17.6	10.8	22.5	12.8	11.0	3.9	1.6	0.1	0.0
T2%	0.1	1.0	1.1	7.0	14.5	27.4	25.8	17.7	4.9	0.4
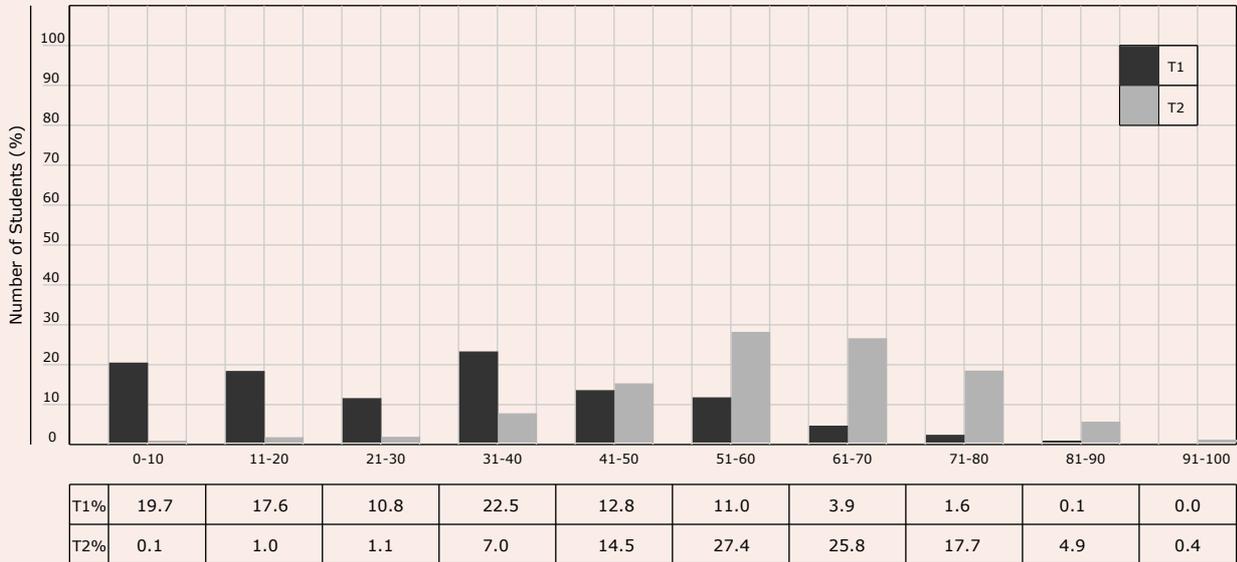
Medium: English   Group: Mumbai Public Schools   Maths **2**

Test 1 (T1): July 2011   Number of Students: 991   Average Score: 35.1   SD: 21.0

Test 2 (T2): April 2012 Number of Students: 999   Average Score: 60.0   SD: 18.0
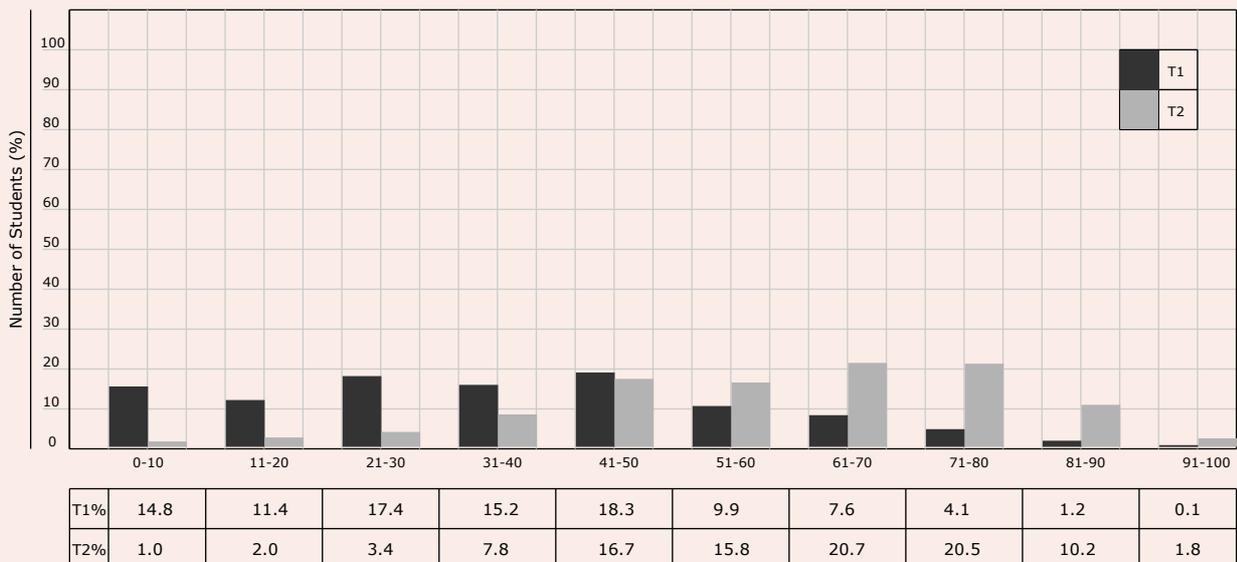
	0-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100
T1%	14.8	11.4	17.4	15.2	18.3	9.9	7.6	4.1	1.2	0.1
T2%	1.0	2.0	3.4	7.8	16.7	15.8	20.7	20.5	10.2	1.8

Test For Student Learning For Mumbai Public Schools (MPS)

WHAT DID YOUR STUDENTS ANSWER?

Medium: English Group: Mumbai Public Schools Class: 1 Test: April 2012

Number of Students: 1345 Subject: English

Question No	Score %	Answer Codes %																									
		01	02	03	11	12	13	21	22	23	31	32	33	81	82	83	84	85	87	89	A	B	C	D	E	86	88
1	57.6	57.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.3	-	-	-	-	-	-	-	12.3	12.8
2	73.0	73.0	-	-	-	-	-	-	-	-	-	-	-	4.1	1.3	-	-	3.4	-	-	-	-	-	-	-	8.6	9.6
3	62.7	62.7	-	-	-	-	-	-	-	-	-	-	-	19.6	-	-	-	6.5	-	-	-	-	-	-	-	6.5	4.8
4	78.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	7.6	78.4	-	-	3.2	5.1
5	84.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	4.7	84.2	-	-	2.4	4.5
6	86.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	3.0	86.7	-	-	3.7	4.2
7	83.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	83.9	5.2	-	-	2.2	4.3
8	90.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90.3	3.3	2.2	-	-	1.3	2.8
9	77.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.9	77.6	4.2	-	-	4.5	2.8
10	88.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.3	2.2	88.4	-	-	3.9	3.2
11	71.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7	16.8	71.8	-	-	3.0	3.6
12	32.1	32.1	-	-	-	-	-	-	-	-	-	-	-	29.4	-	-	-	22.3	-	-	-	-	-	-	-	9.8	6.4
13	8.5	5.2	-	-	3.6	-	-	1.1	-	-	-	-	-	-	-	-	-	35.6	-	-	-	-	-	-	-	24.9	29.5
14	58.2	58.2	-	-	-	-	-	-	-	-	-	-	-	22.9	8.6	-	-	1.0	-	-	-	-	-	-	-	4.5	4.8
15	66.1	66.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.7	-	-	-	-	-	-	-	6.6	5.6
16	62.3	62.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.0	-	-	-	-	-	-	-	6.5	6.2
17	77.0	77.0	-	-	-	-	-	-	-	-	-	-	-	7.8	-	-	-	3.8	-	-	-	-	-	-	-	3.3	8.0
18	21.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.5	21.3	27.9	-	-	8.1	7.1
19	40.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.8	22.0	19.9	-	-	8.5	8.8
20	20.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	55.4	20.0	-	-	8.8	8.3
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* Answer Codes % is the percentage of students who obtained that specific answer code. Please see score card for that question for answer code description.

* Score % is the percentage of students who answered the question correctly.

Test For Student Learning For Mumbai Public Schools (MPS)

WHAT DID YOUR STUDENTS ANSWER?

Medium: English   Group: Mumbai Public Schools   Class: 1   Test: April 2012

Number of Students: 1345   Subject: Maths

Question No	Score %	Answer Codes %																									
		01	02	03	11	12	13	21	22	23	31	32	33	81	82	83	84	85	87	89	A	B	C	D	E	86	88
1	83.3	83.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-	-	-	-	-	5.2	5.8
2	76.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9	5.8	76.6	-	-	6.3	6.4
3	79.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	79.0	2.4	-	-	5.1	9.1
4	66.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.1	14.9	66.4	-	-	3.1	6.5
5	37.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.0	37.0	30.2	-	-	5.0	3.9
6	80.1	80.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.1	-	-	-	-	-	-	-	8.8	6.1
7	77.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	77.2	4.1	-	-	4.0	8.2
8	54.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.4	54.8	-	-	-	3.9	3.9
9	66.9	66.9	-	-	-	-	-	-	-	-	-	-	-	21.2	-	-	-	2.2	-	-	-	-	-	-	-	4.8	4.9
10	74.6	74.6	-	-	-	-	-	-	-	-	-	-	-	10.6	-	-	-	2.3	-	-	-	-	-	-	-	4.8	7.7
11	77.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77.8	9.9	3.7	-	-	3.1	5.5
12	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-	10.3	-	-	-	31.4	-	-	-	-	-	-	-	4.5	3.9
13	46.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	11.5	46.5	-	-	25.7	6.8
14	75.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75.5	6.6	3.0	-	-	7.4	7.5
15	43.6	43.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.7	-	-	-	-	-	-	-	12.4	5.4
16	73.0	73.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.6	-	-	-	-	-	-	-	7.3	7.1
17	34.3	34.3	-	-	-	-	-	-	-	-	-	-	-	21.0	-	-	-	20.0	-	-	-	-	-	-	-	12.0	12.6
18	60.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.6	11.4	9.4	-	-	12.3	6.3
19	65.7	65.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.1	-	-	-	-	-	-	-	9.6	5.7
20	61.6	61.5	0.1	-	-	-	-	-	-	-	-	-	-	1.7	-	-	-	20.4	-	-	-	-	-	-	-	9.3	6.9
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* Answer Codes % is the percentage of students who obtained that specific answer code. Please see score card for that question for answer code description.

* Score % is the percentage of students who answered the question correctly.

Test For Student Learning For Mumbai Public Schools (MPS)

WHAT DID YOUR STUDENTS ANSWER?

Medium: English   Group: Mumbai Public Schools   Class: 2   Test: April 2012

Number of Students: 999   Subject: English

Question No	Score %	01	02	03	11	12	13	21	22	23	31	32	33	81	82	83	84	85	87	89	A	B	C	D	E	86	88
1	90.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90.3	2.9	1.9	-	-	1.5	3.4
2	71.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71.6	18.9	3.6	-	-	2.4	3.5
3	75.6	75.6	-	-	-	-	-	-	-	-	-	-	-	9.7	-	-	-	9.0	-	-	-	-	-	-	-	1.7	4.0
4	35.2	35.2	-	-	-	-	-	-	-	-	-	-	-	36.6	-	-	-	19.1	-	-	-	-	-	-	-	5.2	3.8
5	77.5	77.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.3	-	-	-	-	-	-	-	4.1	3.1
6	75.6	75.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.9	-	-	-	-	-	-	-	3.7	4.8
7	19.7	19.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65.8	-	-	-	-	-	-	-	8.2	6.3
8	80.1	80.1	-	-	-	-	-	-	-	-	-	-	-	12.3	-	-	-	4.3	-	-	-	-	-	-	-	0.7	2.6
9	83.3	83.3	-	-	-	-	-	-	-	-	-	-	-	7.2	-	-	-	4.9	-	-	-	-	-	-	-	0.8	3.8
10	92.5	92.5	-	-	-	-	-	-	-	-	-	-	-	1.8	-	-	-	1.9	-	-	-	-	-	-	-	1.4	2.4
11	89.0	89.0	-	-	-	-	-	-	-	-	-	-	-	5.1	-	-	-	3.1	-	-	-	-	-	-	-	1.6	1.2
12	63.6	63.6	-	-	-	-	-	-	-	-	-	-	-	25.2	-	-	-	8.3	-	-	-	-	-	-	-	1.3	1.6
13	16.9	16.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.0	-	-	-	-	-	-	-	35.2	6.8
14	70.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.5	2.5	70.5	-	-	5.5	5.0
15	88.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88.4	4.0	4.0	-	-	2.2	1.4
16	90.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0	3.0	90.7	-	-	2.2	1.1
17	55.7	45.3	-	-	-	-	-	20.6	-	-	-	-	-	-	-	-	-	17.0	-	-	-	-	-	-	-	6.9	10.1
18	57.1	57.1	-	-	-	-	-	-	-	-	-	-	-	4.4	-	-	-	27.6	-	-	-	-	-	-	-	4.2	6.7
19	21.8	21.8	-	-	-	-	-	-	-	-	-	-	-	29.0	-	-	-	30.8	-	-	-	-	-	-	-	6.0	12.3
20	12.8	10.6	-	-	-	-	-	4.4	-	-	-	-	-	-	-	-	-	56.9	-	-	-	-	-	-	-	13.9	14.2
21	34.2	34.0	-	-	-	-	-	0.4	-	-	-	-	-	-	-	-	-	38.9	-	-	-	-	-	-	-	13.2	13.4
22	45.2	45.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.8	-	-	-	-	-	-	-	12.7	18.2
23	53.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.1	13.3	53.6	-	-	-	3.0
24	52.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.6	52.6	19.6	-	-	-	3.2
25	48.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.2	7.5	48.6	-	-	0.6	3.0
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* Score % is the percentage of students who answered the question correctly.

C5

Test For Student Learning For Mumbai Public Schools (MPS)

WHAT DID YOUR STUDENTS ANSWER?

Medium: English   Group: Mumbai Public Schools   Class: 2   Test: April 2012

Number of Students: 999   Subject: Maths

Question No	Score %	Answer Codes % 01	02	03	11	12	13	21	22	23	31	32	33	81	82	83	84	85	87	89	A	B	C	D	E	86	88
1	90.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	90.9	0.6	1.2	-	2.6	3.4
2	87.0	87.0	-	-	-	-	-	-	-	-	-	-	-	1.1	1.8	-	-	8.4	-	-	-	-	-	-	-	1.1	0.6
3	60.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.3	4.1	14.5	8.5	-	4.2	8.4
4	68.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.0	9.8	8.8	68.5	-	1.7	4.2
5	66.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.5	3.7	66.5	9.1	-	4.4	4.8
6	83.1	83.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.7	-	-	-	-	-	-	-	0.2	5.0
7	66.3	66.3	-	-	-	-	-	-	-	-	-	-	-	0.7	1.9	-	-	24.8	-	-	-	-	-	-	-	-	6.3
8	80.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.3	80.2	3.0	2.6	-	3.2	7.7
9	74.3	74.3	-	-	-	-	-	-	-	-	-	-	-	7.4	-	-	-	13.2	-	-	-	-	-	-	-	2.1	3.0
10	79.7	79.7	-	-	-	-	-	-	-	-	-	-	-	8.7	-	-	-	9.8	-	-	-	-	-	-	-	-	1.8
11	58.4	58.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.8	-	-	-	-	-	-	-	10.1	9.7
12	57.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.8	16.0	9.4	57.0	-	2.4	9.4
13	10.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.5	4.1	16.1	17.9	-	47.1	4.2
14	24.9	24.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.8	-	-	-	-	-	-	-	5.3	7.0
15	81.9	81.9	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	-	12.8	-	-	-	-	-	-	-	1.8	3.1
16	57.9	57.9	-	-	-	-	-	-	-	-	-	-	-	0.7	5.0	-	-	26.5	-	-	-	-	-	-	-	1.9	8.0
17	50.7	50.7	-	-	-	-	-	-	-	-	-	-	-	2.3	9.5	5.1	-	23.9	-	-	-	-	-	-	-	3.4	5.1
18	75.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	3.4	75.2	3.6	-	5.0	4.9
19	53.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	7.3	53.7	6.4	-	16.1	9.9
20	15.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34.1	34.7	15.3	10.4	-	3.5	1.9
21	59.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	59.2	16.8	10.0	-	2.2	5.8
22	18.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.8	8.0	27.4	18.6	-	1.8	5.3
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* Score % is the percentage of students who answered the question correctly.

Test For Student Learning For Mumbai Public Schools (MPS)

WHAT ARE THE SCORES OF THE SCHOOLS TESTED?

Group: Mumbai Public Schools

Test : April 2012

Sr No	School Code	School Name	Ward	Medium	Class	English			Maths		
						N	%	SD	N	%	SD
1	LKW	LK Waghji MPS	F north	English	1	43	53.8	16.2	43	40.3	17.8
					2	41	50.7	10.4	41	46.1	15.9
2	SEWR	Sewree Cross MPS	F south	English	1	49	64.6	13.6	49	71.3	17.0
					2	48	56.6	14.8	48	51.9	22.2
3	SHIV	Shiv MPS	F north	English	1	73	41.0	23.0	73	42.7	22.5
					2	72	61.6	13.3	72	59.9	19.1
4	KAK	Kala Kila	G/N	English	1	114	61.8	23.2	114	52.5	26.3
					2	88	60.8	14.9	88	61.5	17.6
5	SHAN	Shankarwadi MPS	K east	English	1	55	41.5	15.2	55	40.5	18.2
					2	31	55.1	9.2	31	52.5	16.2
6	DIX	Dixit Road	K east	English	1	67	68.2	12.4	67	69.3	22.6
					2	52	63.2	10.8	52	56.7	14.2
7	GUNW	Gundawali MPS	K east	English	1	56	78.1	8.8	56	86.7	9.0
					2	28	81.9	6.0	28	81.3	12.6
8	PHD	Pahadi MPS	P south	English	1	85	62.5	12.1	85	69.7	18.5
					2	76	60.5	11.5	76	60.5	14.8
9	GVD	Govind Nagar MPS	P north	English	1	59	71.6	9.2	59	77.4	9.8
					2	35	65.4	7.7	35	64.0	12.9
10	CHNW	Chinchwali MPS	P north	English	1	27	66.6	10.9	27	74.4	12.2
					2	17	65.8	7.6	17	70.6	11.2
11	TBE	Turbhe MPS	M east	English	1	87	71.7	8.3	87	70.5	14.8
					2	73	60.6	12.6	73	65.9	14.7
12	TLK	Tilak Nagar MPS	M west	English	1	43	72.2	9.8	43	89.0	10.2
					2	29	54.6	16.3	29	74.5	13.9
13	CHNB	Chunnabhatti MPS	L	English	1	38	67.2	16.2	38	67.1	19.3
					2	44	63.4	11.1	44	58.4	23.0
14	CMBN	Chembur Naka MPS	M west	English	1	22	54.1	23.6	22	52.5	27.1
					2	29	55.2	12.7	29	50.9	13.6
15	KAJ	Kajupada MPS	L	English	1	44	57.2	15.4	44	68.1	18.4
					2	30	49.3	10.3	30	52.0	15.3
16	RJW	Rajawadi MPS	N	English	1	43	68.1	18.8	43	58.4	19.7
					2	30	48.4	13.1	30	56.5	20.1
17	PKR	P. K. Road MPS	T	English	1	32	57.0	10.4	32	54.4	9.6
					2	26	55.9	10.4	26	65.6	15.3
18	TAN	Tank Road MPS	S	English	1	36	56.9	15.7	36	53.3	21.9
					2	28	58.9	10.2	28	58.9	19.5
19	MTG	Mithaghar MPS	T	English	1	33	65.0	6.8	33	58.5	17.2
					2	38	57.8	9.3	38	55.6	13.8
20	DDU	D.D. Upadhayay MPS	T	English	1	40	61.2	12.4	40	79.9	11.9
					2	15	73.6	11.5	15	71.2	13.4
21	BRV	Barve Nagar MPS	N	English	1	46	68.7	11.8	46	64.8	18.0
					2	35	72.6	10.6	35	66.6	13.5
22	SAI	Sainath MPS	N	English	1	35	64.9	15.2	35	80.6	9.3
					2	0	0.0	0.0	0	0.0	0.0
23	VRS	Varsha Nagar MPS	S	English	1	166	57.2	22.0	166	64.1	24.7
					2	102	61.4	15.7	102	60.0	16.3
24	MANL	Maneklal Mehta MPS	N	English	1	52	66.7	20.6	52	65.7	19.1
					2	32	50.3	9.2	32	52.0	16.2

* N is the number of students tested; % is the average score achieved by students in the paper expressed as a percentage; The Standard Deviation (SD)