MITCHELL ELEMENTARY
SCHOOL IMPROVEMENT PLAN

Using Assessment Data,
Professional Growth Goals, and
Professional Development
to Improve Student Achievement

The Connecticut Mastery Test:
A Snapshot of Student Achievement

One Measure
High-stakes
Summative Assessment
Administered Annually

MES students' performance is strong…
but they can go higher.

How Close Are We to the Summit?

REGION 14 CMTs 2006-2007	READING		WRITING		MATHEMATICS	
	% Proficient NCLB	% Goal CMT	% Proficient NCLB	% Goal CMT	% Proficient NCLB	% Goal CMT
3rd GRADE	84.1	64.2	86.8	70.2	88.8	70.4
4th GRADE	89.2	74.7	95.6	80.4	94.9	84.8
5th GRADE	81.7	69.5	86.7	65.1	88.0	69.9

How close are we to the summit?

3rd Grade Reading

Strand	R-14 % Mastery	CT % Mastery
Forming a General Understanding	**77.5**	69.5
Developing Interpretation	**88.7**	79.1
Making Reader/ Text Connections	**31.1**	32.6
Examining the Content and Structure	**43.7**	39.4

Degrees of Reading Power

Region 14 Students Reading at Instructional Level 54 – 45.4%

CT Students Reading at Instructional Level 54 – 36.5%

How close are we to the summit?

4th Grade Reading

Strand	R-14 % Mastery	CT % Mastery
Forming a General Understanding	**88.6**	75.6
Developing Interpretation	**69.6**	62.2
Making Reader/ Text Connections	**38.6**	38.9
Examining the Content and Structure	**77.2**	61.1

Degrees of Reading Power

Region 14 Students Reading at Instructional Level 58 – 71.5%

CT Students Reading at Instructional Level 58 – 52.7%

How close are we to the summit?

5th Grade Reading

Strand	R-14 % Mastery	CT % Mastery
Forming a General Understanding	**90.3**	76.2
Developing Interpretation	**82.4**	77.6
Making Reader/ Text Connections	**52.7**	44.6
Examining the Content and Structure	**75.2**	76.8

Degrees of Reading Power

Region 14 Students Reading at Instructional Level 62 – 61.2%

CT Students Reading at Instructional Level 62 – 51.2%

How will we reach the summit?

Reading

- Best practices as defined in the Region 14 Language Arts curriculum document
- Professional Growth Goals designed to improve students' reading comprehension
  - Reader-Text Connections
  - Demonstrating Comprehension by Citing Evidence from the Text
  - Using Word Walls to Enhance Understanding of Content Vocabulary
- Team discussion of instructional practices at common planning meetings
- Peer observations of successful strategies
- Development of common formative assessments in reading comprehension
- Book Study at Faculty Meetings Focused on Questioning Strategies

How close are we to the summit?

3rd Grade Writing

	R-14 % Mastery	CT % Mastery
Composing/ Revising	**34.9**	33.8
Editing	**83.6**	72.9

Direct Assessment of Writing

Region 14 Students Scoring Levels 8-12 – 78.3%

CT Students Scoring Levels 8-12 – 71.1%

How close are we to the summit?

4th Grade Writing

	R-14 % Mastery	CT % Mastery
Composing/ Revising	**65.2**	54.9
Editing	**81.0**	69.0

Direct Assessment of Writing

Region 14 Students Scoring Levels 8-12 – 93.1%

CT Students Scoring Levels 8-12 – 82.9%

How close are we to the summit?

	R-14 % Mastery	CT % Mastery
Composing/ Revising	**68.7**	65.7
Editing	**58.4**	56.4

5th Grade Writing

Direct Assessment of Writing

Region 14 Students Scoring Levels 8-12 – 69.8%

CT Students Scoring Levels 8-12 – 78.0%

How will we reach the summit?

Writing

- Infusion of Writers' Workshop strategies into classroom instruction
- Writing for a variety of purposes in many subject areas
- Shared scoring of student work
- Development of common rubrics to assess good writing in Region 14

How close are we to the summit?

3rd Grade Mathematics

#	Strand	R-14 % Mastery	CT % Mastery
1	Place Value	**90.1**	83.4
2	Pictorial Representation of Numbers	**99.3**	97.4
4	Order, Magnitude and Rounding of Numbers	**96.1**	92.7
5	Models for Operations	**92.1**	84.1
6	Basic Facts	**94.7**	91.2
7	Computation w/ Whole Numbers & Decimals	**98.7**	92.9
9	Solve Word Problems	**95.4**	89.1
10	Numerical Estimation Strategies	**83.6**	78.3
11	**Estimating Solutions to Problems**	**67.8**	**58.2**
14	Time	**94.7**	91.1
15	**Approximating Measures**	**68.4**	**60.5**
16	Customary and Metric Measures	**82.9**	81.7
17	Geometric Shapes and Properties	**98.7**	96.3
19	Tables, Graphs, & Charts	**98.0**	94.6
21	Probability	**94.1**	85.5
22	Patterns	**88.2**	82.9
24	Classification & Logical Reasoning	**94.1**	84.6
25	**Mathematical Applications**	**42.8**	**39.4**

How close are we to the summit?

4th Grade Mathematics

#	Strand	R-14 % Mastery	CT % Mastery
1	Place Value	**97.5**	88.5
2	Pictorial Representation of Numbers	**100.0**	96.5
3	**Equivalent Fractions, Decimals and Percents**	**72.2**	**53.6**
4	Order, Magnitude and Rounding of Numbers	**95.6**	82.7
5	Models for Operations	**93.1**	89.2
6	Basic Facts	**97.5**	93.9
7	Computation w/ Whole Numbers & Decimals	**93.7**	83.4
8	Computation with Fractions and Integers	**96.8**	90.4
9	Solve Word Problems	**92.4**	80.3
10	Numerical Estimation Strategies	**96.2**	87.0
11	**Estimating Solutions to Problems**	**62.0**	**49.1**
14	Time	**89.9**	66.5
15	**Approximating Measures**	**76.6**	**62.6**
16	Customary and Metric Measures	**82.3**	74.8
17	Geometric Shapes and Properties	**86.1**	67.8
19	Tables, Graphs, & Charts	**91.8**	91.2
21	Probability	**92.4**	81.9
22	Patterns	**90.5**	86.3
23	Algebraic Concepts	**93.7**	80.0
24	Classification & Logical Reasoning	**88.0**	78.4
25	**Mathematical Applications**	**70.3**	**48.3**

How close are we to the summit?

5th Grade Mathematics

#	Strand	R-14 % Mastery	CT % Mastery
1	Place Value	**97.0**	91.9
2	Pictorial Representation of Numbers	**89.2**	83.6
3	**Equivalent Fractions, Decimals and Percents**	**69.9**	**68.2**
4	Order, Magnitude and Rounding of Numbers	**88.0**	82.1
5	**Models for Operations**	**78.3**	**73.0**
6	Basic Facts	**92.8**	89.2
7	Computation w/ Whole Numbers & Decimals	**81.3**	70.4
8	Computation with Fractions and Integers	**90.4**	85.6
9	Solve Word Problems	**89.2**	81.8
10	Numerical Estimation Strategies	**86.7**	81.3
11	**Estimating Solutions to Problems**	**59.0**	**54.7**
14	**Time**	**66.9**	**70.2**
15	**Approximating Measures**	**63.3**	**62.5**
16	**Customary and Metric Measures**	**72.9**	**64.6**
17	**Geometric Shapes and Properties**	**63.9**	**74.4**
18	Spatial Relationships	**90.4**	89.1
19	Tables, Graphs, & Charts	**99.4**	96.0
20	Statistics & Data Analysis	**81.9**	78.3
21	Probability	**81.9**	80.4
22	**Patterns**	**78.9**	**71.8**
23	Algebraic Concepts	**83.1**	79.4
24	**Classification & Logical Reasoning**	**69.9**	**56.4**
25	**Mathematical Applications**	**78.3**	**75.5**

How will we reach the summit?

Mathematics

- Our area of relative strength
- Strand analysis and classroom interventions
- A language-based program of instruction
- Estimating, Approximating, Applying and Growing With Math
- Using pre-test and post-test data to differentiate instruction
- 4th and 5th grade Math Flexible Groups

Not Close Enough!

The MES faculty is dedicated to continuous improvement for the benefit of our students.

- Consistent implementation of new Language Arts curriculum
- Integrated professional development
- Formative assessments… the heart of the matter

Our Goal is Increased Student Achievement

- The Faculty is Participating in a Book Study to Enhance Our Questioning Skills
- Every team has developed literacy goals
  - Reader-Text Connections
  - Demonstrating Comprehension by Citing Evidence from the Text
  - Using Word Walls to Enhance Understanding of Content Vocabulary
  - Literacy-based social skills instruction in all classrooms

It’s All About the DATA

- Sharing a common understanding of data sources
- Working together to analyze student work
- Creating a data team to support MES faculty in making meaning of data
- Developing formative assessments to drive both instruction and interventions
- Using data to provide feedback on curriculum

Our Focus

- No Child Left Behind?
- Group proficiency is important, but we can't stop there.
- Connecticut Mastery Test?
- The percentage of students at goal is reported to the public, but does this test tell us all that we need to know?
- **ACADEMIC GROWTH FOR EVERY STUDENT IN EVERY SUBJECT**

The faculty of
Mitchell
Elementary School
is dedicated to the
learning of
EVERY child.