



Elementary Mathematics Common Assessment Project

Milton Public Schools



Elementary Mathematics Common Assessment Project

- Collaborative Team of grade level representatives from each elementary school
- Began with Scope and Sequence Documents
- Developed Pretest, Midyear, Final
- Currently working on authoring end of unit assessments for grades 1-5
- Will continue to work on adapting materials to meet Common Core Expectations

Elementary Mathematics Scope & Sequence Documents

- Scope and Sequence Documents were collaboratively developed by Teachers & Administration
- Articulate MA DESE Mathematics state standards, skills, and assessment opportunities by month
- Include Everyday Math lessons to support standards-based instruction

Why Common Assessments?

- Maintain High Expectations for all students
- Promote consistency among four elementary schools
- Generate Data regarding expectations and MA standards
- Assess strengths and Weaknesses of curriculum materials
- Create collaborative culture
- Drive Instruction
- Dictate professional development needs for district

Elementary Mathematics Unit Assessment Structure

Multiple Choice	Short Answer	Open Response
<p>Solve the problem and choose the correct answer. Show your work.</p> $272 \div 8 =$ <hr/> <p>a. 43 b. 46 c. 34 d. 32</p>	<p>Five friends went to dinner. The total cost for dinner was \$142.00, including tax and tip. The friends split the bill evenly. How much did each friend have to pay?</p>	<p>Your class has 28 students. A classmate donates 140 juice boxes to share during the last 30 days of school. No one is absent during that 30-day period. Each child is supposed to receive one juice box per day.</p> <p>A. For how many of these days will each child be able to receive a juice box before the juice boxes run out? Show or explain how you got your answer.</p> <p>B. How many juice boxes would be needed in order for each child to get one juice box every day for the entire 30 days? Show or explain how you got your answer.</p>

K-5 Mathematics Common Assessment Timeline

HOW OFTEN DO WE ASSESS?

- *Fall Pretest*
- *January Midterm*
- *June Final*
- **Standards-Based *Unit* assessment** (Begins January 2011)

K-5 Mathematics Next Steps

- Analyze data in Grade Level Representative Meetings
- Develop Common structure to analyze data on school level
- Revise Scope & Sequence to delineate Common Core Standards & include unit assessment windows
- Continue Mathematics Assessment Team

Elementary Mathematics Assessment Team Members

- Holly Concannon, Maryellen McDermott
- Gr. 1: Fatima Bourass-Elzein, Kim Comer
- Gr. 2: Zeina Hamada, Lea Campbell, Kathy Caccamo
- Gr. 3: Tanya Walsh, Julie Ostrowski, Sarah MacNeil
- Gr. 4: Meredith Kempf, Amanda Lefort
- Gr. 5: Rina Chen, Sara Willis