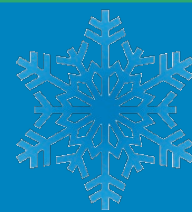


Math Empowers⁴



Grade Four

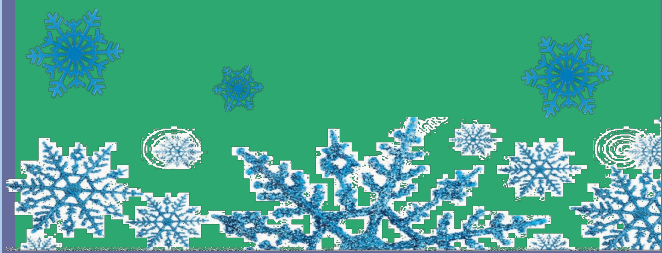
Middletown Township Public Schools

Nov./Dec. 2014

Personal Math Trainer

FOR ASSESSMENT AND INTERVENTION

- * Creates a personalized learning path for each student.
- * Provides opportunities for practice, homework, and assessment.
- * Includes worked-out examples and helpful video support.
- * Offers targeted intervention and extra support to build proficiency and understanding.



Critical Area

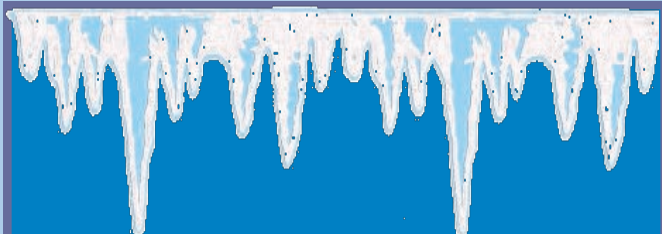
You may have noticed that your GO Math! books are broken up into three color-coded critical areas:

Place Value and Operations with Whole Numbers

Fractions and Decimals

Geometry, Measurement, and Data

As per the guidelines, consider using the Critical Area Performance Task after Chapter 5 to fulfill the requirement for one of the two Performance Tasks that must be given.



The Trouble with Long Division



In this article, the fourth graders were ready to learn long division; however, their teachers were hesitant to begin the unit—just as they are every year. The teachers were looking to find ways to help elementary-aged students get excited about doing math and about learning to make sense of math through problem-solving activities. This article describes the independent thinking and sense making of fourth graders who were asked to investigate the process of division.



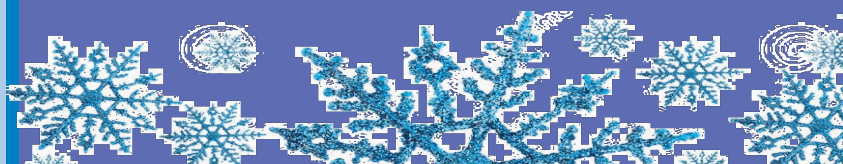
THINK central Resources

Go Math! Teacher Resource Book G4

This resource book includes black line masters for you to print and share. In addition to the usual suspects (hundreds grids, place value charts) there are also LOTS of other useful visual aids including, fraction strips, grids, number lines, and circles!

Page TR200 offers a *Word Definition Map* which provides an opportunity for students to critically analyze a math vocabulary word. More *Word Description* templates can be found on pages TR201, TR202, and TR203 and the *Math Vocabulary Cards* begin on page TR204.

Looking for MORE vocabulary resources? Check out: *Go Math! TG for Developing Math Vocabulary G3-6*



Best Wishes 4 a MATH-TASTIC New Year!