



5th Grade Monthly Math

November, 2009

Dear 5th Grade Students and Parents,

It is time to learn about **THE NUMBERS BETWEEN!** For the month of **November, 2009**, all 5th grade students will be working on specific learning goals in math. Math work in class and at home will continue to focus on integrated math skills such as problem solving, number sense, and fast facts, but this month all 5th grades will put special emphasis on mastery of the following standard:

Numbers and Operations In Grade 5, all students should:



- **5M1b**– identify and represent equivalent forms of fractions with denominators of 12 or less, decimals, and percents
- **5M1c**– explain how decimals and percents are parts of a whole

The **essential leanings** for this standard are:

1. Recognize, identify, and name benchmark fractions, decimals, and percents
2. Model with manipulatives benchmark fractions, decimals, and percents
3. Represent with pictures, numbers, and symbols benchmark fractions, decimals, and percents
4. Use words, pictures, numbers, and symbols to explain how a decimal is a part of a whole

What can you do at home?

Find opportunities to talk about math in the real world. This makes math learning meaningful and lasting



- When cooking, let students experience measuring fractions!
- At the store, talk about discounted percentages on sale items. Bring a calculator and do some on the spot math!
- Have kids keep a budget of their money, paying attention to the decimal values of dollars and cents
- Always, review your child's homework and class work to evaluate what they are learning and how they are doing

Helpful Web-links

- **DoDEA Standards:** <http://www.dodea.edu/Curriculum/index.cfm>
- **Gradespeed:** <http://www.eu.dodea.edu/gradespeed/>
- **Mannheim ES:** <http://www.mann-es.eu.dodea.edu/>
- **NCTM Family Corner:** <http://www.nctm.org/resources/families.aspx>
- **Exemplar Parent Corner :** <http://www.exemplars.com/Community/parents/index.html>
- **National Library of Virtual Manipulatives:** <http://nlvm.usu.edu/>
- **5th Grade Skill Builders:** http://www.internet4Classrooms.com/kills_5th_original.htm



Questions? Contact Us!

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DoDEA Community Strategic Plan - Goal 1

All students will meet or exceed challenging standards in academic content so that they are prepared for continuous learning.

Mannheim ES Continuous School Improvement Plan -Goal 2

All students will improve math communication across the curriculum

National Council of Teachers of Mathematics Grade Level Focal Point— #2

Developing an understanding of and fluency with addition and subtraction of fractions and decimals