

# Family Math Night ~ 4th Grade, 2nd Quarter

## Teacher Summary Page

If you have not done a **Family Math Night** this year, you need to do the **Introductory Packet** (Kindergarten packet is slightly different from 1<sup>st</sup> through 5<sup>th</sup> grades) which provides an overview of the **Everyday Mathematics** curriculum.

**Standards:** 4.1.1K1c; 4.1.1K2c (number sense w/decimals); 4.2.4K1b-c (models)

**Everyday Mathematics** content:

Lesson 4.2 (Review of Basic Decimal Concepts) pages 244-249

Mathematical Objective – To review basic concepts and notation for decimals through hundredths.

**Take Home Game: Decimal Pile-Up**

(using the playing cards)

Directions are included in this packet. This is a variation of the game **Product Pile-Up** (page 259 in Student Reference Book)

**Materials needed:**

Teacher materials:

- Student Reference Book (SRB)
- Math Masters page 426
- Base 10 blocks

Parent materials to keep:

- Family Math Packet (**Decimal Pile-Up** directions)
- A deck of cards for each family

**Copies needed in addition to the Family Math Packet:**

Extras of Math Masters page 426

**Everyday Mathematics** whole group lesson with parents (**10 minutes** for introduction section and then **30 minutes** for the lesson):

1. If you have not done a Family Math Night this year, you will need to get the Introductory Packet and use that for the first 10 minutes (suggestion – this could be done with all grade levels in a commons area before finishing the rest of the Math Night in grade level rooms)
2. Explain that you will be presenting a sample lesson from the Everyday mathematics curriculum.
3. Everyday Mathematics Grade 4 Teacher's Lesson Guide (volume 1) page 245. Begin the lesson with the whole class activity **Understanding Fraction Concepts**.
4. Continue with **Modeling Decimals with Base-10 Blocks** on page 246. Stop at the bottom of page 246.
5. If time allows, have participants complete the first half of Math Journal 1 page 80 with a partner. Be sure to encourage participants to show their thinking by using the base-10 blocks.

**Take Home Game** details (**15 minutes**):

1. **Decimal Pile-UP**
2. Refer participants to the game directions provided in the Family Packet.

**Evaluation (5 minutes):**

1. Hand out the Evaluation page (Home Connections book page 65).