

Family Math Night ~ 3rd Grade, 3rd 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 1st through 5th grades) which provides an overview of the **Everyday Mathematics** curriculum.

Standards: 1.4.K1 (computes with efficiency and accuracy); 1.4.K2 (multiplication facts)

Everyday Mathematics content:

Lesson 7.6 (Extended Facts: Multiplication and Division) pages 606 - 611

Mathematical Objective – multiplying 1-digit numbers by multiples of 10, 100, and 1000 and divide such multiples by 1-digit numbers

Take Home Game: Multiple Multiplication

(using the playing cards)

Directions are included in this packet and the Family Math Packet

Materials needed:

Teacher materials:

- Student Reference Book (SRB) – one for each family to look over
- Pencils
- Scratch paper and calculators

Parent materials to keep:

- Family Math Packet (**Multiplication Madness** directions and spinner game board)
- A deck of cards for each family
- Paper clip for the spinner

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 giving a sample lesson from the Everyday Mathematics curriculum.
3. Everyday Mathematics Grade 3 Teacher's Lesson Guide (volume 2) page 607. Complete the Mental Math and Reflexes with the families. Explain that this part of the lesson is a warm-up activity to get kids thinking about the math needed for the lesson. Discuss the Math Message and explain that this links directly to the lesson.
4. Next have the families participate in the **Multiplying by Multiples of 10, 100, and 1000** part of the lesson which can be found on page 608 of the Teacher's Lesson Guide. Explain that this is the core lesson. If time allows, you can explain that this math is then linked with division and share some of the problems on page 609. (Follow the lesson directions given with modifications as necessary since you are working with families.)
5. Again, if time allows, you can show the families how to play "Beat the Calculator" by having them look up the directions on page 279 in the SRB.

Take Home Game details (15 minutes): Multiplication Madness

Explain that this game is to provide extra reinforcement for the extended multiplication facts. The participants will need the deck of cards, spinner game board, paper clip, and pencil. (The paper clip and pencil will be used to complete the spinner on the game board.) Follow the directions attached with this packet or the Family Packet.

Evaluation (5 minutes):

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