

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

Standards: 5.1.4.K1 (computation); 5.1.4.K2a (division);
5.1.4.A1d (real world problems with division)

Everyday Mathematics content:

Lesson 4.2 (The Partial-Quotients Division Algorithm) pages 237 - 240

Mathematical Objective – reviewing the partial-quotients division algorithm with whole numbers

Take Home Game: Division Top-It

(using the playing cards)

Directions are included in this packet and the Family Math Packet

Materials needed:

Teacher materials:

- Chart paper or Smart Board to post the Math Message
- Student Reference Book

Parent materials to keep:

- Family Math Packet (**Division Dash** directions, **Division Top-It** directions)
- A deck of cards for each family

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 5 Teacher's Lesson Guide (Volume 1) page 237. Display the Math Message on Chart or Smart Board. Complete the Math Message Follow-Up with the families. Explain that this part of the lesson is a warm up to get the kids thinking about the math needed for the lesson.
4. Then proceed with the *Whole Class Activity* (Reviewing the Partial-Quotients Algorithm) on pages 237-239. Families can refer to page 22 in the Student Reference Book for an explanation of this strategy.
5. Show the families how to play **Division Dash**. Have them look up the directions in the Student Reference Book on page 303. Directions are also included in the Family Math Packet.

Take Home Game details (15 minutes):

Division Top-It

Explain that this is one of many versions of the "Top-It" games students can play. Directions can be found on page 334 in the Student Reference Book. Directions are also included in the Family Packet.

Evaluation (5 minutes):

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