

Family Math Night ~ 2nd Grade, 1st 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: 2.1.2.K3 (place value); 2.1.4.K3 (computation); 2.2.4.K1a (math models)

Everyday Mathematics content:

Lesson 1.8 (Number Grids) pages 51-53

Mathematical Objective – exploring place value patterns in a number grid

Take Home Game: Number Grid Twist

(using the playing cards)

Directions are included in this packet and the Family Math Packet

Materials needed:

Teacher materials:

- Class Number Grid poster
- My Reference Book

Parent materials to keep:

- Family Math Packet (Number Grid from Math Masters page 418; **Number Grid Twist** directions)
- A deck of cards for each family

Copies needed in addition to the Family Math Packet:

Extras of Number Grid to use during the explanation

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 2 Teacher's Lesson Guide (volume 1) page 52. 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. You will need to use the Class Number Grid poster for this activity (parents can refer to their packet for their own number grid).
4. Next have the families participate in the **Finding the Patterns on the Number Grid** which can be found on page 52 of the Teacher's Lesson Guide. Explain that this is the core lesson.
5. Show the families how to play the **Number Grid Game**. Have them look up the directions in the My Reference Book (MRB) page 142.

Take Home Game details (15 minutes):

1. **Number Grid Twist** (you can have the song "The Twist" playing in the background as they play the game after you explain the directions).
2. Explain that this game is an extension of the **Number Grid Game**. They will only be using the following cards from their decks: aces, nines, tens and jacks. 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).