

# Family Math Night 4<sup>th</sup> Grade , 3<sup>rd</sup> Quarter

## Teacher Summary Page

If you have not done a **Family Math Night** this year, you need to do the **Introductory Packet** which provides an overview of the 1-5 curriculum.

**Standards:** 1.1.A1c; 1.4.K2; 1.4.A1b; 2.2.K2a; 2.2.A2b; 2.4.K1a; 2.4.A1a

### **Everyday Math Content:**

Lesson 6.1 (Multiplication and Division Number Stories) pages 400-405

Mathematical Objective- To provide practice solving multiplication and division number stories by using diagrams to organize information.

### **Take Home Game: Product Pile-Up**

(using playing cards) SRB pg 259

### **Materials needed:**

Teacher materials:

Student Reference Book  
scratch paper or slates  
Everything Math Deck  
Regular deck of cards  
six sided dice  
counters

Parent materials to keep:

Family Math Packet  
Product Pile-Up directions  
Playing cards

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

Division Arrays game directions (optional)  
Math Masters pg 470 (optional)

**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.
2. Explain that you will be presenting a sample lesson from the Everyday Mathematics curriculum.
3. Everyday Mathematics Grade 4 Teachers' Lesson Guide (volume 1) pg 401. Have participants complete the math message and share their answers with others. Continue with math message follow up.
4. Continue with Solving Division Number Stories (pg 402 and 403).
5. Show families how to play Division Arrays. Allow participants to use SRB to look up directions to Division Arrays (pg 240).

**Take Home Game details (15 minutes):** Product Pile-Up SRB pg 259

Explain that this game provides practice with multiplication. The participants will need their deck of cards.

### **Evaluation (5 minutes):**

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