

FAMILY MATH FUN

Handouts and Directions



Family Math Night ~ Pre-K, 3rd Quarter

Teacher Summary Page

If you have not done a **Family Math Night** this year, you need to do the **Introductory Packet** (Pre-K packet is slightly different from Kindergarten, and 1st through 5th grades) which provides an overview of the Pre-K math curriculum.

Standards: MK 2.2.1.T1 (group 2 or more objects by one attribute), MK 2.2.1.Pre3 1 (Recognizes, describes, compares and names common objects by one or more attributes), MK 2.2.1.Pre3 2 (Describes an object by characteristics it does or does not possess.)

Developing Math Concepts in Pre-Kindergarten (Kathy Richardson) content:

Lesson: Attribute Blocks (page 124)

Mathematical Objectives – to sort by various attributes

Take Home Game: (Card Sorts)

(using the playing cards)

Directions are included in the Family Math Packet

Materials needed:

Teacher materials:

- Attribute Blocks
- Collection of counting books or poems

Parent materials to keep:

Family Math Packet:

- Directions for 'Card Sorts'
- Commercial Games
- Everyday Materials for Math at Home
- Supporting Your Child in Mathematics
- Evaluation
- A deck of cards for each family

Copies needed in addition to the Family Math Packet:

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

1. If you have not done a Family Math Night this year, you will need to get the Introductory Packet (power point) and use that for the first 10 minutes.
2. Explain that you will be doing activities that the students do on a daily basis. (Spend about 15 minutes on the opening, core and reflection.)
3. Opening (get them thinking about numbers): Choose a poem or finger play such as 'Pit a Pat' (Kathy Richardson book p. 74-75)
4. Core: Activity-Attribute Blocks (p. 124). Begin by sorting colors. Continue the activity with a different attribute (such as size, or an attribute suggested by one of the students). Give families several minutes to sort and find other sorting rules.
5. Reflection: 'Students, which sort was easiest to do? Why?' Were you able to find more than one way to sort your blocks?

Take Home Game details (15 minutes):

Card Sorts (see packet for directions)

Reflection (5 minutes)