Unit 2

Small Groups: Hand in Hand: Counting Monkeys

Low Support

Math SG 1

Standards: MELDS.M.CCC.PS.4

Week 2

Guiding Math Ideas:

• Counting Strategies

Math Concepts from Unit Learning Progressions:

- 1:1 correspondence is a special type of relationship- one name, one object.
- Exploring manipulatives to represent relationships

Materials:

- Count the Monkeys by Mac Barnet- on shelf for reference
- Bucket of Monkeys toys
- 3 Number die
- Green Construction paper, representing trees

Math Vocabulary:

 Dice- special cubes we use for games. We can count the number dots.

Preparation:

This small group follows Large Group *The Monkeys are Missing*. Set all materials out.

Procedure:

Here are the monkeys we played with in Large group, a dice and green paper trees.

Children free play with Monkeys, making chains, rolling the die, and adding monkeys to chain or tree. Some children may want to play the missing monkey game. If so, get the numerals from the shelf and make put numbers in sequence and play along with them in the same manner as the Large Group. After they play, introduce the Monkey Chain Game if children show interest.

These monkeys have long hands that fit together. I could make them into a chain of monkeys. I'd like to see how long I can make my chain. Model rolling the die, counting the dots, and adding monkeys to your chain. Roll the die and add to your chain. Use words like **first, next** and **last** as you add monkeys.

Strategies to Provoke Math Thinking:

Provide materials to support different counting strategies: Book- Seeing the written numeral;
 Monkey manipulatives- using one object to represent one number word; Die: Counting and creating groups (cardinality); Chains- visual representation of sequences

Documentation:

Use this low support activity to observe counting strategies with the Rote and Rational Counting Steps Forms. If possible, write down children's names beside the skills they demonstrate. Plan for children who need extra support in beginning counting skills, modifying Small Group.

Provocation:

There are lots of monkey-related counting games- 5 little monkeys and the Monkeys/Alligator (in SWPL) Chants count DOWN, instead of UP- a fun or a confusing idea. Use your judgement about when

to add the idea of counting down.