



Session 2: Modeling (I Do)

1st Grade - Readiness Standard 1 - K.CC.5

Learning Target: I will count up to 20 objects.

Readiness for naming numbers to 120.

Bobby collected insects for a science activity. Pretend that each counting chip in this bag is an insect. How many insects did Bobby collect?

Counting Mat



Session 2: Modeling (I Do - Teacher Notes)

1st Grade - Readiness Standard 1 - K.CC.5

Learning Target: I will count up to 20 objects.

Readiness for naming numbers to 120.

Bobby collected insects for a science activity.
(Hold up the sandwich bag labelled, "Billy's Bugs".)

Pretend that each counting chip in this bag is an insect. How many insects did Bobby collect?

I am going to think aloud to model solving this problem.

Your job is to watch, listen, think and ask questions.

First, it is important to know what the problem is about.

This problem is about Bobby collecting insects for a science activity.

Second, I need to determine what I need to find.

I need to find the total number of insects that Bobby collected.

Third, I need to determine what I know.

I know that each counting chip represents an insect.

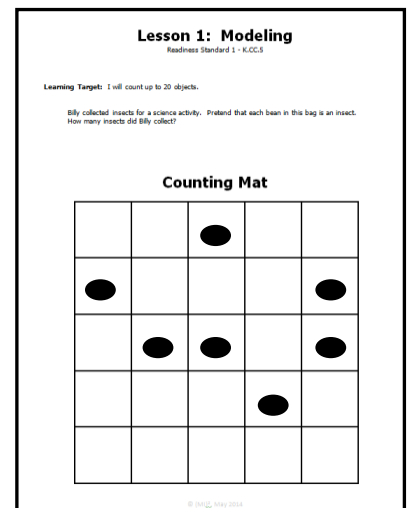
Fourth, I need to figure out what I can try.

I am going to try counting each bean on a counting mat.
(Place the bag of counting chips on the counting mat.)

I will arrange the counting chips so that no square has more than one chip on it.
(Arrange the counting chips similar to the sample pattern.)

Then, so I don't count any chip twice, I will begin on the left and point to each chip as I say the counting number.
(Point at each counting chips as you count, "One, two, three, four, five, six, seven")

Bobby collected 7 insects.



(Sample Pattern)

Last, I need to make sure that my answer makes sense.

I found that Bobby collected 7 insects. It makes sense because I knew that the beans were like the bugs he collected and I needed to find the total number, so I counted each of them exactly once to find the total.



Session 2: Guided Practice (We Do)

1st Grade - Readiness Standard 1 - K.CC.5

Learning Target: I will count up to 20 objects.

Materials:

- 4 sandwich bags labeled A through D filled with the following number of counting chips.
 - (A = 8, B = 6, C = 10, D = 9)

We Do Together: (Teacher Actions)

- Place bag A on the counting mat, organize the counting chips into separate squares and invite the students to do the same.
- Point to each counting chips from left to right and say each counting number.
- Repeat the pointing and counting out loud for a second time. Invite the students to point to the each counting chip on their mat and say each counting number in unison.
- Clear the counting mat and repeat to find the total number of counting chips in bag B.

You Do Together: (As a class, or in small groups)

- Students take turns leading to find the total number of counting chips in bags C and D.



Session 2: Counting Mat

1st Grade - Readiness Standard 1 - K.CC.5

Learning Target: I will count up to 20 objects.



Session 2: Self-Reflection

1st Grade - Readiness Standard 1 - K.CC.5

Learning Target: I will count up to 20 objects.

Briefly discuss student responses:

- What did I learn today about counting?

- How confident do I feel about counting on my own?
(Thumbs up, down, or sideways)



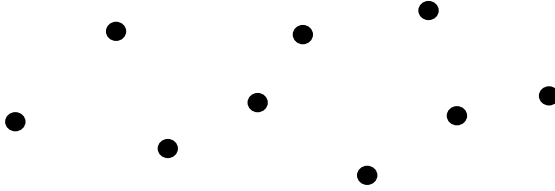
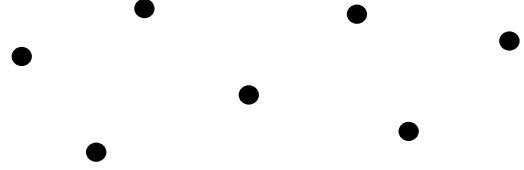
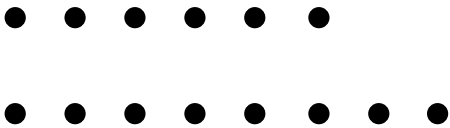
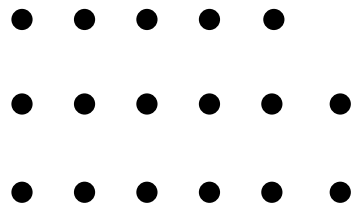
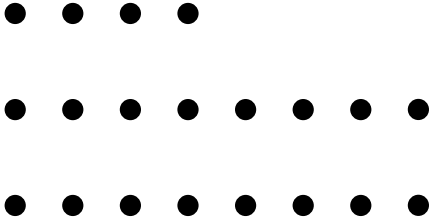
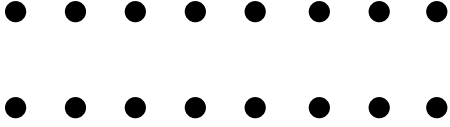
Quick Check - Form B

1st Grade - Readiness Standard 1 - K.CC.5

Name _____ Date _____

Learning Target: I will count up to 20 objects.

Directions: Write how many dots are in each group. (Work time: 3 minutes)

<p>1.</p>  <p>_____</p>	<p>2.</p>  <p>_____</p>
<p>3.</p>  <p>_____</p>	<p>4.</p>  <p>_____</p>
<p>5.</p>  <p>_____</p>	<p>6.</p>  <p>_____</p>