

Continuing Learning

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Level: Gr 1

Category: Numeracy

Title of Lesson: Getting to 20

Goals/Objectives:

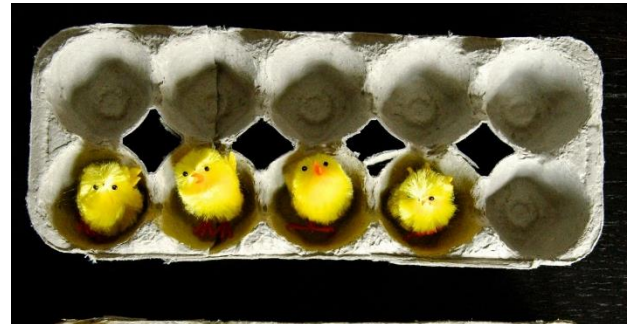
Big Idea: Number represents and describes quantity.

Curricular Content: number concepts to 20

Curricular Competencies: visualizing and representing number; communicating number

Materials Needed:

- Any objects around the house that can be counted—toys, beans, crackers, rocks.
- A deck of playing cards
- An egg carton with the last 2 compartments cut off to make a 10-frame



Task Instructions: (Step by Step)

Activity 1: Counting—count different collections of objects in the home. Engage children in counting up to 20...extend as far as up to 100. Count by twos.

Activity 2: 10 Frames

Game: Child draws a card, fills the 10 frame (see egg carton with end cut off, above) with that many objects (example: 6 red beads). Then child fills the 10 frame up with a contrasting object (in our example, 4 black beads). Child then finds the card representing 4, and says 6 and 4 makes 10.

Challenge:

I have a horizontal ten-frame that has some counters on it. One row of the frame is full and one is not. What is the largest number I could make? What is the smallest number I could make? (Source: <https://www.openmiddle.com/>)

Activity 3: 10-Sum-Memory Game (Source: <https://mathforlove.com/>)

- Materials: Playing cards

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- Use a deck of cards consisting of 2 ones or aces, 2 twos, 2 threes, 2 fours, 2 fives, 2 sixes, 2 sevens, 2 eights, and 2 nines
- Deal out the cards face down.
- Players take turns turning two cards face up.
If a player turns a pair upward and that pair sums to 10, the player puts that pair of cards in their stash and plays again.
- If the upward pair does not sum to 10, the player turns the cards back face down, and the next player moves.
- The game ends when the cards are all claimed. Whoever has the most cards wins.

Activity 4: First to 20

Take turns counting up, either going up by 1 or 2. Example:

Minh: 1

Zahra: 3

Minh: 4

Zahra: 5

Minh: 7

...

The goal is to be the person who gets to call out “20”. Play several times. What’s a winning strategy?

Adaptations/Adjustments: (consider different environments)

-Practice counting outdoors

-Look at the activities in the Kindergarten Week 1 Lesson (for adaptations to 5)

Extensions (Optional):

-Count two different collections of objects in two different ways. Draw your collections on a piece of paper and label how many are in each collection.

-Extend activities to 50 and beyond.

References:

Fawn Nguyen

SD38-Janice Novakowski

Marilyn Burns