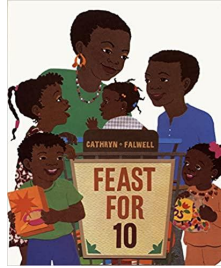


## Feast for Ten



## Task

Subitizing to 10

## Standards and Learning Targets

**Standard K.CC.5** Use counting to answer questions about "how many." *For example, 20 or fewer objects arranged in a line, a rectangular array, or circle; 10 or fewer objects in a scattered configuration.* Using a number from 1–20, count out that many objects.

**Learning Target:** Use subitizing to answer questions about how many

## Routine Outline

This is a strategy for introducing the Quick Image Routine. It can be done in small 5-10 minute increments as a fun routine for practicing subitizing.

\*\*\*Print or create the [Picnic Table Subitizing Cards before the lesson](#) on cardstock (or use them as Google Slides). You can also use magnetic ten-frame boards for this routine.

Read aloud *Feast for Ten*. As you turn each page, ask students how many of each item they see and how they know. Talk about different ways to count the items. For example, some students may count the chickens by ones. Others might see that there are 2 in the cart and one in her hand, which is three.

Introduce the Quick Image Routine using the picnic table image.

- Show students the picture of the picnic table and discuss what picnic tables are used for.

- Have students visualize a picnic table and what it would look like if you were looking down from above and there were five people on each side with a plate in front of them and have students draw a picture of what that would look like. Discuss their drawings.
- Show students a picture of a ten frame. Discuss how the ten frame and a picnic table are alike and different and how many squares there are on each side.
- Hold up the ten frame with one green plate for a few seconds, then hide it. Ask students “How Many plates did you see?” “How do you know?”
- Repeat this process with 2-5 plate cards until students are comfortable with the routine. Then move on to 6-10 dots.

**Extension Ideas:**

- If students have trouble, give them a ten-frame and counters to recreate what they saw.
- How many more? Ask how many more plates we need to fill the table up? For example, if there are 8 plates, how many more do we need to get to ten plates? How do you know?
- Use paper plates and dot stickers to make more subitizing cards without a ten frame once students are familiar with the routine.
- Add another picnic table and subitize to 20.
- Have pairs practice by using dry-erase ten frames. One student creates a ten frame and holds it up for a few seconds for their partner to say how many. Then they switch.

\*\*\*This lesson was inspired by Lynn C. Hart, PhD at Georgia State University, and used with permission.

Thank you for using one of our Picture Book Tasks! We would love to know more about your students' strategies when solving the problem, ideas you had for improving the task, and other math problems you and your students noticed or wondered about after reading the book.

Please complete our [Picture Book Task Survey](#) so that we can learn more about your experience teaching, how students solve problems, and improve our Picture Book Task Bank.