

Viewer Worksheet for:

Supporting Mathematical Development in Young Children: Cardinality

This [video](#) describes children's recognition of total quantity.

Routine – During the arrival routine, counting the number of children present provides an opportunity to reinforce the total number of children in the group.

Additional ideas for supporting children's awareness of cardinality during routines:

Explicit Teaching – During a small group activity, a teacher uses wooden cubes to help children learn about quantity. After counting the cubes as they are dropped into a cup, the teacher asks the children "So how many are in the cup?" to bring their attention to the total amount.

Additional strategies for supporting children's awareness of cardinality:

Play – In the dramatic play center, a child wants to purchase tickets for her whole family so they can ride the train to New York. Her teacher helps her count all of the people she has listed so they can determine the total number of tickets to buy.

Additional ideas for including cardinality in play:

A lot of mathematics learning occurs within the context of classroom play, especially when teachers are talking with children about how to solve problems involving number.

What are some vocabulary words that adults could use with children to support cardinality?

Identify the materials that you noticed in the video:

What are some additional materials that provide opportunities to notice cardinality?

A meaningful curriculum is integrated so that learning experiences include many developmental domains and content areas. This video focused solely on mathematics. Think about ways that cardinality could be integrated into a larger topic of study in authentic ways.

Topic: _____

Write your ideas here.