

Unit 12 Summary



Time Frame: 10 days

In Unit 12 the children will learn about place value through the use of money and ten-frames. They will explore number concepts, with a focus on the numbers 0 through 20. They will also work with number collections to reinforce their skills in counting by twos, fives, and tens.

Essential Questions

(K.CC.A.1) How can we count in different ways to get to a certain number?

(K.OA.B.6) How can we tell if one group has more than, less than, or the same amount as another group?

(K.NBT.1.1) How can we group numbers by tens and ones to see how many of each we have?

(Starfall.Math.CC.1) What strategies can you use to identify a number that is not in order?

(Starfall.Math.CC.2) What strategies can you use to find a missing number in a sequence?

(Starfall.Math.M.1) How can knowing the name and value of a penny, nickel, dime, and quarter help us in the real world?

Vocabulary

The children will be introduced to these vocabulary words. Mastery is not expected at this time.

Bracket

Collection

Estimation

Horizontally

Vertically

Enduring Understandings

Understanding place value can lead to number sense and efficient strategies for computing with numbers.

Place value is based on groups of ten.

Grouping is a way to count, measure and estimate.

Estimation is a way to get an approximate answer.

Counting is a purposeful skill that assigns a number name to an object or set of objects.

Operations create relationships between numbers.

Knowing the reasonableness of an answer comes from using good number sense and estimation strategies.

Recommended Literature

A Place for Zero by Angeline Sparagna LoPresti

Bears on the Beach by Niki Yektai

Counting is for the Birds by Frank Mazzola, Jr.

Counting Wildflowers by Bruce McMillan

Earth Day -- Hooray! by Stuart J. Murphy

The Cheerios Counting Book by Barbara Barbieri McGrath