

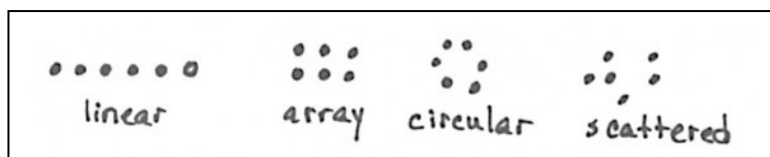


A Story of Units...

Numbers to 10

Our Kindergarteners will start the year by observing and analyzing numbers as we work on counting and understanding

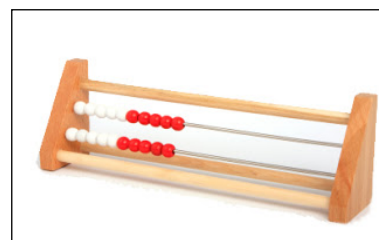
cardinality (what is first, second, etc...). We will practice counting objects in different configurations, as seen in the image above. This quarter focuses on using our numbers to 10, which is all within our domain of counting and cardinality.



In Module 1 we will:

- **Compare two objects** by observing what is the same and what is different
- **Sort items** into predetermined categories based on observable attributes
- **Count** numbers to 5 in linear, array, circular, and scattered configurations
- **Use part-part-whole** to take apart numbers (i.e., 3 into 2 and 1)
- **Understand and use zero** when counting and describing our surroundings

- **Count and write** the numbers 0-5
- **Count one *more*** of a given number
- **Count one *less*** of a given number and count down from 10
- **Answer *how many*** questions



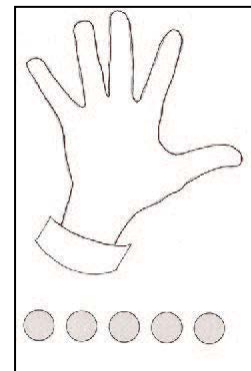
A Rekenrek is a bead frame that is commonly used for building counting fluency

Enrichment Activities

In school, your child will...	At home, your child can...
<p>Work together in groups to match objects in our patterned paper plate activity.</p> <p>Practice counting and cardinality using a Rekenrek (pictured on the previous page).</p> <p>Count using a hand mat and markers to practice counting fluency and prepare to use their own fingers to count.</p>	<p>Match socks and practice saying why they are a match, for example: “these both have blue dots.”</p> <p>Ask your child to estimate how many steps it will take to walk to the mailbox (for example) and then ask them to check their guess by counting steps as they walk.</p> <p>Practice counting any objects around the house or around town and try adding “one more” or “one less.”</p>

Focus Standards for Mathematical Practice

- Reason abstractly and quantitatively; students represent quantities with numerals
- Use reasoning to construct arguments and think about the reasoning of others
- Model taking amounts apart by drawing and writing (such as 3 can be broken into 1 and 2)
- Look for and make use of structure
- Look for and express regularity in repeated reasoning



A hand mat

Fluency Focus

In this module, our fluency work will focus on counting and cardinality - the concept that the total number of items in a set is the last number counted. Our students are developing the concept that when counting each object is correlated to one number. They will practice counting fluently - meaning quickly and accurately.