



Caterpillar Rulers  
Measuring Length

Children begin to experiment with and use numbers and counting in their play.  
Children begin to understand size and volume and begin to make comparisons.  
Children begin to participate in activities that involve non-standard measurement.

Domain:

- Math

Objectives:

- Child will use numbers to identify quantities of 0-10.
- Child will understand basic concepts of length measured by a ruler.
- Child will describe quantities as more than, less than or equal.



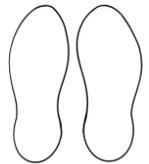
Materials:

- Caterpillar Rulers patterns
- variety of classroom objects
- ruler



Instructions:

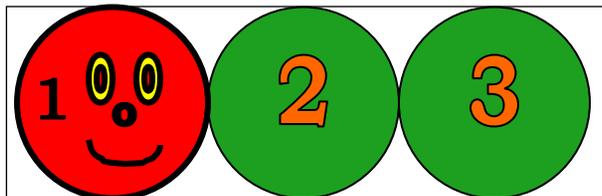
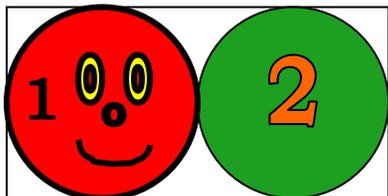
- Copy and cut apart *Caterpillar Rulers* along the lines to create 10 rulers.
- Compare caterpillar rulers to a regular ruler to see that each caterpillar circle is equal to one inch. Point out that a regular ruler has 12 inches and is two inches longer than their 10-inch caterpillar ruler.
- Begin using the caterpillar ruler that has only a one-inch circle.
- Ask the children to explore the classroom to find objects that are one inch long.
- Repeat exercise using 2-10 inch rulers.
- Compare objects that children have accumulated. Discuss which are longer and shorter.
- Sort and match like sized objects.



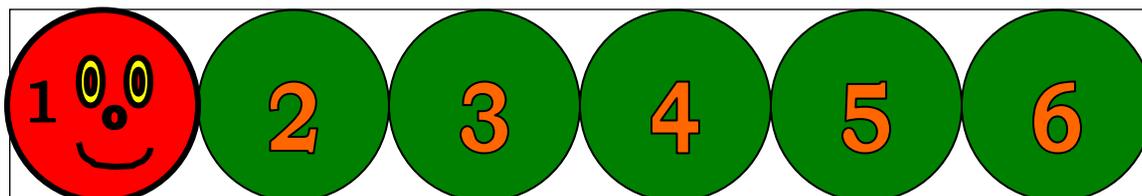
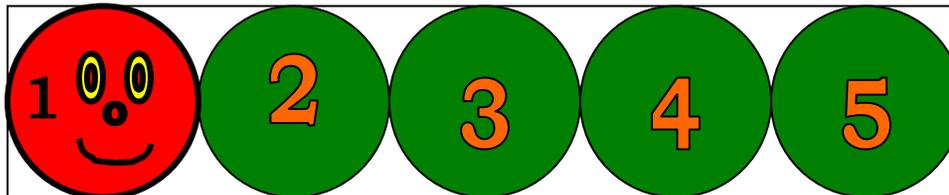
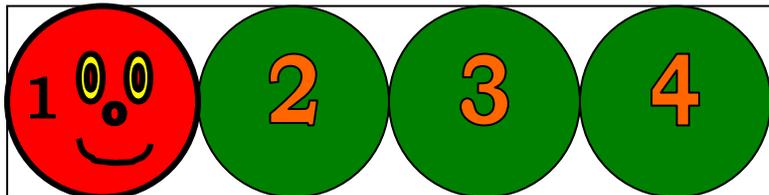
Suggestions:

- Practice putting rulers in order by counting circles.
- Copy two sets of rulers and create a matching game.
- Repeat exercise using a regular ruler.





# Caterpillar Rulers



Each circle equals one inch.

