

Longer than a Worm?

Inspired by *Inch by Inch* by Leo Lionni.



This is an activity for one or more players.

Goal: Compare the size of different objects to the length of a measuring worm.

You will need:

- A measuring worm(s) - printed or drawn
- A group of objects of different sizes
- Scissors

What to do:

- Create or print a measuring worm(s). Use scissors to cut along the edge of the measuring worm.
- Compare the length of the objects to the length of the worm.
- Sort the objects into three piles - objects that are longer than the worm, objects that are shorter than the worm, and objects that are the same size as the worm.
- Before you begin, predict which of the three piles will be largest.

Different ways to play:

- If playing with a partner(s), each player selects a different-sized worm. Each player uses their worm to measure objects and sort them into one of three piles - longer, shorter, or the same length as the worm. When done, players move to another player's pile and sort the objects again using their own worm for comparison. Did many of the objects move? Which pile changed the most?
- If playing alone, select two or more worms of different lengths. Use the length of one worm to sort the objects into longer, shorter, and same-length piles. Then sort again using a different-sized worm. Which pile changed the most? Which pile changed the least? Why do you think so?

Print and cut out a
measuring worm or
draw one of your own.

