

# Scavenger Hunt

## **Purpose:**

Find items that are about the same length as strips posted in the room. Students use iteration and transitivity. They compare the length of the items with the length of the strips.

## **Materials:**

Adding machine tape

String

Connecting cubes (Unifix or pop cubes)

Scissors

## **Activity**

1. Before class the teacher posts 3-4 strips of adding machine tape in the classroom. Post the strips horizontally. Label each strip, a, b, c, d. Each strip is a different length. The strips should be match items in the classroom, such as the width of the door, height of the desks, width of a shelf, length of a pencil, etc.
2. Students are going to find things in the classroom that are about the same length as the posted strips. Discuss what "about" means. Give examples.
3. The students can not move the strips. They must use materials in the classroom to help them find items that are about the same length or width as the strips.
4. Students work with a partner to find ways to compare the length (or width) of things in the classroom to the paper strips. They could use string, adding machine tape, connecting cubes.
5. They are to list things that they find on their handout.

## **Observing Students:**

1. How do the students compare lengths?
2. Are they able to measure one item with string (or other material) and use the string to find other items of equal length? This is the transitivity property.
3. Do student use iteration to measure items?

This activity is adapted from Measuring Length and Time: Investigation in Number, Data and Space: Pearson Scott Foresman

Name \_\_\_\_\_  
Partner \_\_\_\_\_

## Scavenger Hunt

Find things in the classroom that are about the same length as each strip.

<b>Strip A</b>	<b>Strip B</b>
<b>Strip C</b>	<b>Strip D</b>