

BB Tip Sheet - Week 22 Measuring "LENGTH Riddles"

BIG IDEAS: Comparing amounts. Measuring. Counting

OBJECTIVES: To measure by placing units of length end to end. To order numbers and lengths

Teaching Strategies connection: 22

Whole Groups: Measure Lengths. Blast Off. **Mr. Mix ups Measuring Mess**
"Ten Little Monkeys", **I'm Thinking of a Number (length)**

Small Group- p. 353- Length Riddles. Can be done in groups of 3-4.

Advance Prep Required

Materials- SGRS, Unifix Cubes, items to measure.

Modified (easy) version: Have items of different lengths out on the table along with pre-measured, corresponding lengths of unifix cubes. Ask children to find the item that is "12 cubes long", or "2 cubes long", while showing the length that



is 12 cubes, or 2 cubes, or whatever lengths you have chosen. Make sure they are measuring the item from "end to end" with the unifix cube length. This is really measuring by comparing, like you did with "As Long as my Arm", except you are using cubes as the standard unit of measurement.

The Building Blocks curriculum version "Length Riddles" is a higher level activity. To do it, you need a box of unifix cubes and a few items that are similar, one being the correct length. You can use any item for the riddles (books, boxes, lengths of string, etc.,)



Example: It is ten cubes long and you can write with it. Which one is it?

In this version of the activity, the child has to imagine what the number of cubes in the riddle looks like, guess what the item is, and test out the guess.

This activity takes planning (and writing down what the items measure in cubes). You need to test out the items you choose for measurement.

An “in-between level of measurement” suggestion: Have an item (like a wand). Ask children to guess how many cubes long it might be, then have them count out and put together the amount of cubes they guessed to see who is right.

Computer Activities: Reptile Ruler. Number Compare 1