

Illustrative Mathematics

1.MD How Long

Alignment 1: 1.MD.A.2

Not yet tagged

You will need various items to measure, a large set of cubes such as unifix or snap cubes, and a recording sheet with 4 sections. In each section would be the words: _____ cubes long with enough space for a small drawing.

The students work in pairs. They choose an item to measure. First they line up the cubes along the longest side of the item. They count and record the number on the first line in the first section. They draw a picture of the item they measured. They continue same routine 3 more times with different items.

Commentary

- The students may need to first be shown how to measure length correctly by starting at one end and going to the other end.
- If the students are not facile with number formation, then a number chart can be used for reference when they need to record the number.
- Working in pairs supplies support to those students who may be struggling with number names or writing numbers. The main focus is to do the measuring the object.
- After this activity has established the routine of measuring, then as a variation, different manipulatives, such as chip counters, chain links, cuisenaire rods, or bear counters can be used to measure the items. You could also measure one item only using 4 different manipulatives.

Solution: Solution

The students should become familiar with the word, “long”, and its reference to length.

The students should become aware that an item can have different lengths depending on what you use as a measuring tool.

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