

Formative Assessment Task

Kindergarten: Measurement and Data

K.MD.2: Directly compare two objects with a measurable attribute in common, to see which object has “more of”/“less of” the attribute, and describe the difference. For example, directly compare the heights of two children and one child as taller/shorter.

Directions:

1. Choose several blocks of different sizes and weights to show student(s). (Wooden, plastic, foam, or cardboard blocks or Cuisenaire rods)
2. Assess individual students or small groups of students.
3. Ask students to compare two blocks of different sizes. Do they compare the blocks in terms of length? If not, suggest it. “Which is longer? Shorter?”
4. Ask students to compare the weight of two different blocks. (Have a balance scale available.) The blocks can be different length blocks, or same length, but made of different material.

Considerations:

Watch how the students compare the blocks.

- Do they use correct terminology of longer/shorter and not bigger/smaller?
- Do they use correct terminology of heavier/lighter?
- If students are provided two blocks of the same size, but made of different materials, do they understand why they are different weights?
- Do students use the balance scale to compare the weight of the blocks, or do they just pick the blocks up and compare the weight in their hands? (Either method is acceptable as long as they can describe correctly.)
- Can students discuss and justify their ideas?

Collecting Data:

Student performance can be scored with a provided task rubric or a rubric created by the teacher. Data can be recorded on a score sheet.