

# Activity 11 Assessment

## Measuring Mass Using Non-Standard Units

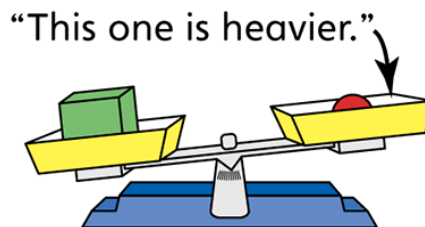
### Using Non-Standard Units to Estimate and Measure Mass and Capacity

Compares objects by mass with non-standard units but thinks a larger object has a greater mass



"The blue block is heavier because it's bigger."

Measures and compares objects by mass with non-standard units, but thinks the heavier object is in the higher pan of the pan balance



Measures and compares objects by mass with non-standard units, but thinks the arrangement of objects in the pans will impact the mass

"I rearranged the objects in this pan. I'd better compare the masses again."

### Observations/Documentation

# Activity 11 Assessment

## Measuring Mass Using Non-Standard Units

### Using Non-Standard Units to Estimate and Measure Mass and Capacity (con't)

Estimates and measures objects by mass with non-standard units

"I measured the mass of each unit using linking cubes."

Estimates, measures, compares, and orders objects by mass with non-standard units

"The mass of the object differs depending on which unit I use to measure."

Estimates, measures, compares, and orders objects by mass with non-standard units, and sees a relationship between the units

"The mass of a linking cube is greater than the mass of a centicube, so it takes more centicubes to balance the object."

### Observations/Documentation