

Measure!



Each group of three students will get a handful of moong seeds.

Measure the handful of seeds in as many ways as you can and carefully record your measurements. Repeat each measurement several times and record any differences you get.

Everyone will have access to all sorts of equipment that could be used for measuring and manipulating and making things: string, scales of various sizes, balances, weights, tape measures, containers of different sizes, graduated cylinders, callipers, graph paper, wire, water, sand, paper, cardboard, scissors, tape, thermometers, magnets, clocks, etc.

Ask questions like:

How can I use _____ to measure? (Fill in the blank with any of the things you have available.)

Why do we get a different measurement when we measure something two or three times? Is there just one correct measurement?

Variation:

Measure a few different things in addition to the moong seeds. For example, a piece of paper, cloth, or card board, a block of wood, a piece of string, an ice cube., a balloon, a ball.