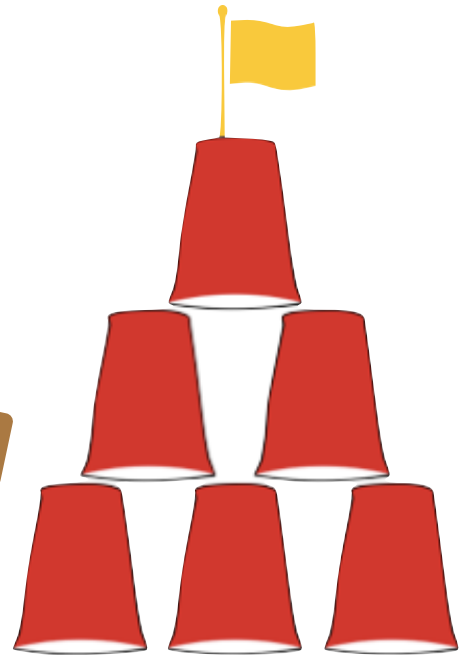
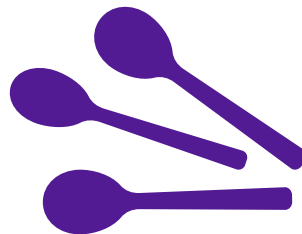


Building Castles

Goal: Build and measure castles of different sizes

You will need:

- Formal and informal measuring tools
 - Ruler
 - Spoons
 - Toothpicks
 - Other household items
- Plastic Cups
- Paper
- Pencil



How to play:

- This game can be played by one or more players.
- Build a castle with plastic cups.
 - Once the castle is built, measure the height with each of the measuring tools and record the height on a piece of paper. For example: 3 spoons, 5 toothpicks, and 10 inches.
- Tear down the castle and build a new castle that is a different size.
- Measure and record the dimensions of each new castle.

To think about:

- After building and recording measurements of a few castles compare the different measurements. See if one castle is tallest across all of the measuring tools or if it changes depending on the tool.
- Make it a competition. Each player will try to build the tallest castle with the same number of cups. Measure the heights with each of the different measuring tools to see who has the tallest castle.



