

## Make a Yo-Yo

Lesson Title: Yo-Yo Motion

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Name: \_\_\_\_\_

### Materials

- Two 8 oz, plastic yogurt containers with lids with holes in the center of each lid
- One 8 ½-inch piece of 3/16-inch diameter dowel
- One 4-foot length of cotton cord
- Masking tape



### Directions

1. Write a description about how to get the right length of string for your yo-yo based on tip number 1 from the Yo-Yos are Hoppin' site (<http://www.nationalgeographic.com/ngkids/0103/yoyos/index.html>).
2. Poke the dowel through the hole in the bottom of one cup and through the hole in the lid. Snap the lid onto the cup.
3. Tie one end of the piece of cotton cord to the dowel close to the cup. Secure the string with a small piece of masking tape.
4. Attach the second yogurt cup and lid on the second end of the dowel, leaving a narrow space between the two cups.
5. Cut the string based on your description about how to get the right length of string for your yo-yo (see answer to question #1).
6. Tie a loop on the loose end.
7. Wind-up the string around the dowel.