



## FUN THINGS TO DO AT HOME

# OLYMPIC ACCURACY



**Objective:** Test equipment used in popular Olympic sports for accuracy and distance

**Materials:**

1. Any of the following - volleyball, tennis ball, table tennis (ping pong ball), baseball, softball, rugby ball, field hockey ball, hand ball, soccer ball, golf ball, basketball
2. 2 Hula-Hoops or some other sort of marker
3. Tape Measure
4. Piece of paper
5. Pencil

**Directions:**

1. Collect your supplies. Place one hula-hoop or marker at your starting point
2. One at a time, throw the Olympic event balls
3. Measure how far you were able to throw each Olympic event ball. Note on your paper how far each ball went.
4. Average the distances you could throw your ball. To average: add the distance measurements together and then divide the sum by the total number of measurements
5. Once you find the average distance, measure that amount of space from the starting point. Place the second hula-hoop or marker here.
6. Collect the Olympic event balls. While standing at the starting point try to throw each Olympic event ball so that it lands in the second hula-hoop. Determine how accurate each Olympic event ball is by how close you were able to get it to the target.
7. Rank the Olympic event balls by their distance and accuracy.

**Bonus:** Challenge a friend to see who is more accurate with the Olympic event balls. See who is more accurate at longer distances