

## Yeast Inquiry Lab Demo

### Teacher Instructions

- In advance prepare two test tubes: (1) yeast+sugar+water and a balloon covering,(2) test tube with yeast+water and a balloon covering
- Model how you set up the two test tubes and instruct students to make and record their observations
- Some possible questions to experiment could be
  - What water/room temperature helps the yeast create the most gas?
  - What “yeast food” helps the yeast create the most gas? (sugar, syrup, honey, different types of juice)
  - Does the size of the container affect how much gas is created?
- Materials to make available to students
  - Test tubes with test tube racks
  - Sugar
  - Yeast
  - Water (room temp, cold, warm)
  - Different juices
  - Karo syrup
  - Balloons
  - String

