



STEAM Lab Supply List

Biochemistry & Biotechnology

Title

Foaming Reactions (Exploring Catalysts)

Subject

Biochemistry

Learning Objective

Learn about catalysts and enzymes.
Explore chemical reactions.

Materials Needed

- Tap water, room-temperature (~1 cup)
- Dishwashing liquid (detergent) (~1/2 cup)
- 3% hydrogen peroxide (1 cup)
- Dried yeast, bread machine or rapid-rise (2 packages)
- Clear plastic cups (5)
- Measuring spoons
- Measuring cup or graduated cylinder
- Spoon for mixing
- Ruler or tape measure
- Gloves
- Plastic table cover
- Paper/worksheet
- Access to sink
- Pen or Pencil
- Paper towels
- Worksheet
- Safety glasses

List is per student participating; Guardians or organizations should have supplies set up and available prior to the beginning of each session. Items can be sourced from local vendors e.g. Grocery Stores, Dollar Tree, Target, Walmart, etc. as well as from Amazon. The following additional items are recommended but not required: Goggles, plastic table covers and disposable gloves.

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