

# Alphabetical Materials List

- Optional: paint, glitter, etc. to decorate

## A

- Alcohol -  $\frac{3}{4}$  cup of 99% isopropyl or rubbing
- Aloe vera gel -  $\frac{1}{4}$  cup

## B

- Baggies
- Beans – dry, 1 small bag
- Beef stock dry – 1 t (or 1 bouillon cube)
- Bottle with a lid
- Bread – 3 slices from the center
- Butter – 4 T (can be non-dairy)

## C

- Cake – ingredients to make 1 sheet cake and 1 cupcake
- Items to decorate cake. Possible choices are:
  - 1 large dark cookie to model the nucleus
  - Several round candies to model the contractile vacuoles
  - 1 small round candy to model the nucleus of the algae cupcake
  - Small strands of candies to model DNA
  - Smaller strands of candies to model RNA
  - Small round candies to model ribosomes
  - Small green candies to model chloroplasts
- Calculator
- Coin
- Cotton swabs
- Cookie sheets

## D

- Dandelion if you have one nearby, optional

## F

- Face mask
- Flour – 3 cups
- Food coloring - green
- Frosting - white
- Funnel (optional)

## G

- Gelatin - 2 ½ teaspoons (7 grams, 1 packet) unflavored
- Glue – Hot glue
- Glue – super, optional
- Glue – white

## H

- Hand sanitizer
- Herbs (optional)

## M

- Markers – Colored
- Measuring cup
- Metal skewer
- Milk – 1 cup (can be non-dairy)
- Mini marshmallows or modeling clay or Playdough
- Modeling clay or Playdough

## P

- Paper - Copy
- Paper for plague mask - cardstock works best
- Pencil
- Pencils - Colored
- Pepper - 1 piece
- Permanent marker
- Petri dishes - 4 x or small custard dishes with plastic wrap
- Pipe cleaners - 15
- Pipettes – 5 or 1 eye dropper that you clean out very well between liquids, or something else that allows dripping
- Plaster of Paris – 3 cups
- Plastic container – approximately 3-4 inches deep and 4 inches by 6 inches across the top
- Plastic wrap
- Playdough or modeling clay
- Pony beads – 5 different colors, 48 total
- Poster boards - 2

## R

- Rubber cement, optional
- Rubber gloves
- Ruler - millimeter/centimeter
- Ruler - inches

## S

- Salt – 1 t
- Scissors
- Sugar - 3 T
- Strings – 6 Elastic, 12-inches long

## T

- Tape
- Tape measure
- Timer
- Tongs
- Toothpicks
- Transparency sheets, or clear plastic sheets

## Y

- 1 package yeast (or 2 ¼ teaspoons)

## Optional Microscope Labs

- Face mask
- Gloves
- Microscope
- Moldy bread
- Pond water
- Slides - glass
- Slide covers – glass
- Sugar – ½ t
- Toothpick
- Yeast – 1 t
- Yogurt - Plain flavor, active culture
- X-Acto knife
- Dropper or pipette