



ENLIGHTIUM  
ACADEMY

## Modified Science 6 Supply List

Note: The \* next to an experiment name indicates that there is a video within the assignment that can be used if the supplies are unavailable. If you are unable to obtain supplies for any experiments not marked with an asterisk (\*), please inform your teacher; experiments requiring a microscope can be modified.

### UNIT 1: PLANT SYSTEMS

Experiment: Seeds

- Four kernels of corn or beans
- Four paper towels
- Four test tubes or baby food jars
- Water

Experiment: Celery\*

- Celery stalk with leaves
- Food coloring (red or blue)
- A dropper
- A microscope or a handheld magnifying glass
- A microscope slide
- Water
- A tall baby food jar or glass
- Razor blades (single-edged)
- A metric rule

### UNIT 2: BODY SYSTEMS

Experiment: Digestion\*

- A tray
- A clear bowl
- Orange juice
- Water
- Two crackers
- A banana
- A sealable plastic bag
- A plastic cup
- Half a pair of sheer nylon tights
- A pair of scissors

- Tape

Experiment: Pulse Rate

- Two friends

### **UNIT 3: PLANTS AND ANIMAL BEHAVIOR**

Report: The Eye

- A pencil
- Paper

### **UNIT 4: MOLECULAR GENETICS**

Project: Flower Structure

- A magnifying glass
- A toothpick
- Black paper or very dark material
- A fresh flower
- A plastic knife

Project: Lima Bean Embryo

- Lima beans
- A magnifying glass

Project: Traits

- 14 people, who are *not* related to one another, to interview

### **UNIT 5: CHEMICAL STRUCTURE AND CHANGE**

Experiment: Solid, Liquid, and Gas\*

- A balloon
- A small block of wood (or a rock)
- A clean, square, plastic container or square baking dish
- Water
- A glass

Project: Use the Periodic Table

- A copy of the periodic table (digital or printed)

### **UNIT 6: LIGHT AND SOUND**

Project: Refracted Light

- A glass  $\frac{1}{2}$  full of water

- A coin of any type
- A pencil

Project: Create a Rainbow

- A clear drinking glass
- Water
- A white sheet of paper