



ENLIGHTIUM
ACADEMY

Modified Science 5 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.

UNIT 1: CELLS

Experiment: Onion Cells*

- An onion bulb with leaves and root
- Tweezers
- A microscope
- A microscope slide
- A microscope slide cover
- Iodine stain
- An eye dropper
- A knife

Experiment: Pond Water Examination*

- A microscope
- A microscope slide
- A microscope slide cover
- An eye dropper
- Pond water

UNIT 2: PLANTS: LIFE CYCLES

Experiment: Flower Dissection*

- Two flowers
- A microscope
- Two microscope slides
- Two microscope slide covers
- A magnifying glass
- Straight pins
- Paper
- An eye dropper
- A sharp knife

Project: Seed Hunt

- Various seeds

UNIT 3: ANIMALS: LIFE CYCLES

Experiment: Mealworm*

- A small clear container with lid
- Bran flakes or oatmeal
- A potato
- A magnifying glass
- A mealworm
- A knife

Experiment: Chicken Egg

- A chicken egg
- An eye dropper
- A small dish
- Tissue paper
- A magnifying glass
- Food coloring

UNIT 4: BALANCE IN NATURE

Project: Cycles

- Paper
- A pencil

Project: Special Environments

- Research resources
- Paper
- A pencil

UNIT 5: TRANSFORMATION OF ENERGY

Experiment: Heat Energy In A Chemical Reaction*

- 100mL of vinegar
- A spoonful of baking soda
- One glass jar
- A thermometer

Experiment: Solar Energy for Heat

- A baby food jar (filled with water)
- A thermometer

UNIT 6: RECORDS IN THE ROCK: FOSSILS

Experiment: Mold Fossil Copy

- A small plastic container
- Modeling clay
- A seashell or a bone

Project: Plant and Animal Fossils

- Research resources
- Paper
- A pencil