



ENLIGHTIUM
ACADEMY

Honors Science 3 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: YOU GROW AND CHANGE

Experiment: Your Lungs

- A sponge

Experiment: Taste Test

- Cocoa
- Salt
- A teaspoon
- A small drinking glass

Experiment: Taking Your Pulse

- A timer, a stopwatch, or a clock with a second hand

UNIT 2: PLANTS

Experiment: Root Hairs

- A small plant
- A magnifying glass

Experiment: Watch Bean Seeds Grow

- A jar with water
- Five paper cups
- About 15 lima beans
- Potting soil
- A wet paper towel

UNIT 3: ANIMALS: GROWTH AND CHANGE

Project: Vertebrate Chart

- Paper

Project: Sort Birds by Type

- Pictures of Birds

UNIT 4: YOU ARE WHAT YOU EAT

Project: Chart Totals

- Paper

UNIT 5: PROPERTIES OF MATTER

Experiment: Be a Chemist

- A pan of water
- A cup of sand
- A stick

Experiment: Is Air Matter?

- Two balloons of the same size, the larger the better
- Wire coat hanger
- Door with a knob

Experiment: Mass Measurement

- A food scale that reads in grams
- A baby food jar
- An ice cube

UNIT 6: SOUNDS AND YOU

Experiment: Vibrations*

- A cardboard tube
- Wax paper
- Rubber bands
- Scissors

Experiment: Sound Patterns

- A partner
- A ruler
- Water in a large glass
- Stones

Experiment: Think About Hearing

- A clock that audibly ticks
- A yardstick
- A large sheet of paper

UNIT 7: TIME AND SEASONS

Experiment: The Earth's Rotation

- Clay

- Two pins
- A pencil

Report: Months

- Research materials

UNIT 8: ROCKS AND THEIR CHANGE

Experiment: Bubbling Grains of Rock

- A piece of limestone
- A pocket knife
- Some vinegar
- An eye dropper

Report: Mount Rushmore

- Research materials

UNIT 9: HEAT ENERGY

Experiment: Feeling Friction

- Wood
- Sandpaper
- A nail
- A hammer

Experiment: Oxygen and Fire

- Three candles in holders
- One quart jar
- One pint jar
- Matches
- A clock or a timer

Experiment: Changing Liquid to Gas

- An adult to help you use the stove
- A measuring cup (1 cup)
- Water
- A pan or a kettle
- A clock or a timer
- A pot holder

UNIT 10: REVIEW

Experiment: How Sound Travels

- String
- A chair
- A metal coat hanger

Experiment: Temperature Comparisons

- Two small cardboard boxes (same size)
- Black paper
- White paper
- Two thermometers
- Glue