Science 4 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: PLANTS

Report: Flowers as State Symbols

- Research resources

Experiment: Celery*

- A fresh celery stalk (stem) with leaves on top
- A glass of water
- A magnifying glass
- Red ink or food coloring
- A knife

UNIT 2: ANIMALS

Report: Types of Whales

- Research resources

Report: Honeybee Habits

- Research resources

Project: Animal Scrapbook

- Pictures of animals
- Construction paper
- Glue
- Scissors
- A notebook or a folder

UNIT 3: MAN AND HIS ENVIRONMENT

Project: Your Environment

- Drawing paper

Project: Make a Pyramid

- Access to a printer

- Paper

Report: How to Save Energy
- Research resources

UNIT 4: MACHINES
Experiment: Seesaw
- A seesaw
- A friend (who weighs about the same as you)

Experiment: Inclined Plane*
- Four textbooks (three inches thick)
- A toy truck or car
- A board about 1 meter long (should be wider than toy truck/car)
- A spring scale

UNIT 5: ELECTRICITY AND MAGNETISM
Experiment: Static Electricity*
- String
- Two balloons
- A piece of woolen cloth
- A wool sweater

Project: Conductors
- A metal spoon
- A screwdriver handle
- A screwdriver blade
- A chalkboard eraser
- A glass dish
- A tin can
- A rubber ball
- Paper
- A paperclip
- Wood

Experiment: Use a Magnet
- One magnet
- One small piece of paper
- Two paper clips
- One penny
- Two rubber bands
- One nickel
- Five pins

- One tin can
- One piece of chalk
- One small plastic cup
- Small pieces of wood
- Two sewing needles

UNIT 6: WATER AND MATTER

Experiment: Ice Volume*

- a measuring cup or beaker
- 200 mL of water
- a piece of tape

Experiment: Solubility

- Four plastic glasses (one for each test material)
- One teaspoon of salt
- One teaspoon of sugar
- One teaspoon of sand
- One teaspoon of salad or cooking oil
- A plastic spoon or wooden stick for stirring

UNIT 7: WEATHER

Experiment: Air and Space*

- Two small clear plastic cups (one with a hole in the bottom)
- Two paper towels or tissues
- Tape
- A large clear container

Experiment: Pressure*

- Water
- A clear plastic cup
- A piece of cardboard (large enough to cover the cup)
- A sink or plastic tub to catch the water

UNIT 8: OUR SOLAR SYSTEM AND THE UNIVERSE

Report: Isaac Newton

- Research resources

Experiment: Moon Phases

- Eight Oreo cookies
- A paper plate
- A plastic butter knife