

# Supplies

## ORGANIZATION

- ✂ An assortment of 1-2 dozen miscellaneous small objects from around the house (e.g., various sorts of pencils/markers, scraps of different colored paper and cloth, toys, books, buttons, beads, string/cord, paper clips, staples, thumbtacks, etc.)
- ✂ A few pieces of colored paper
- ✂ 20 additional miscellaneous small objects from around the house (different than the previous set)

## LIVING & NOT

- ✂ Pocket magnifier

## STATES

- ✂ Water and various other liquids in clear containers
- ✂ Various solid items
- ✂ Various containers of air and, if possible, other gases
- ✂ 3 boxes, labels, chalk, or another way to identify 3 spaces
- ✂ Ice
- ✂ Freezer-safe container
- ✂ Butter
- ✂ Candle
- ✂ Lighter or matches
- ✂ Cooking pot
- ✂ Drinking glass

## ENERGY I

- ✂ Lamp or other item that plugs into the wall to be controlled by a switch
- ✂ Candle
- ✂ Lighter or matches
- ✂ Building blocks or other materials to build a tower
- ✂ Balloon
- ✂ Metal spoon
- ✂ Ball that can bounce
- ✂ Straight pin with ball head
- ✂ Pencil with unused eraser
- ✂ Bowl
- ✂ Pebble
- ✂ Mug
- ✂ Lamp or flashlight

## GRAVITY I

- ✂ Clear-sided drinking glass or jar
- ✂ Cooking oil
- ✂ Pasteur pipette
- ✂ Globe
- ✂ Kitchen and/or bathroom scale
- ✂ Small weight (e.g., fishing weight, piece of clay)
- ✂ String
- ✂ Paper towel roll or toilet paper roll
- ✂ Ball or marble
- ✂ Flat board or hardcover book
- ✂ Small, soft object (e.g., soft ball, small doll)

## PLANT & ANIMAL

- ✂ Dried orange peels or other dry plant material
- ✂ Fireproof surface
- ✂ Lighter or matches
- ✂ Soil

## AIR

- ✂ 3 balloons
- ✂ Bowl
- ✂ Clear drinking glass
- ✂ Twelve-inch ruler
- ✂ 3 paperclips
- ✂ Thin string or floss
- ✂ Deep sink, tub, or pot
- ✂ 5-7 pillows
- ✂ Large plastic zip-top bag
- ✂ Dirt
- ✂ Plant (e.g., a weed with roots intact)

## DAY & NIGHT

- ✂ Globe
- ✂ Lamp with a naked bulb
- ✂ Sticky notes or colored tape

# Supplies

## MATTER I

- ☑ Clay (a small amount, preferably dried)
- ☑ Soil/dirt
- ☑ Cup
- ☑ Spray bottle
- ☑ Drinking straw
- ☑ Soap
- ☑ Crayons
- ☑ Small muffin or cake pan or silicone ice cube tray that is oven safe
- ☑ Freezer-safe container (e.g., ice cube tray)
- ☑ Kitchen scale or balance
- ☑ Substances you can freeze or melt (e.g., butter, wax, ice cream)
- ☑ Matches/lighter
- ☑ Baking soda
- ☑ Vinegar

## ENERGY II

- ☑ Rubber band
- ☑ Balloon
- ☑ Ball or other item to roll down a ramp
- ☑ Flat board or hardcover book and something to prop it on to form a ramp
- ☑ Pendulum (small, heavy object tied to string)
- ☑ Safety goggles or glasses
- ☑ Two drinking glasses
- ☑ Dry erase marker or tape to mark drinking glasses
- ☑ Dry sponge
- ☑ Toilet paper tube
- ☑ Mug or microwave-safe container
- ☑ Kitchen scale or sensitive balance

## MATERIALS

- ☑ Wooden item (e.g., block, pencil, chair)
- ☑ Items made from a variety of materials (your student can search these out during the session)
- ☑ A selection of the same type of object made from different materials (e.g., a metal spoon, a plastic spoon, and a wooden spoon; a wooden block and a plastic block; a rubber ball, a plastic ball, a wooden ball, and a cloth ball; a ceramic plate and a plastic plate)
- ☑ Magnet

## FORCE

- ☑ Bag of sugar or flour or a hand weight
- ☑ Ball
- ☑ Block
- ☑ flat board or hardcover book and something to prop it on to form a ramp
- ☑ Three strings several feet in length
- ☑ Ring of any size
- ☑ Drinking straws
- ☑ Tape
- ☑ Balloon
- ☑ Spring toy (e.g., wind-up toy)
- ☑ Rubber band

## LIFE CYCLES

- ☑ Several large seeds, such as beans or peas
- ☑ Four similarly-sized plates
- ☑ LEGOs, candies, or other small counters