

# Supplies

## SOUND

- ✂ Rubber bands of different sizes
- ✂ A few musical instruments, e.g., stringed instruments, bells, xylophone, thumb harp, cymbals
- ✂ 5+ marbles of the same size
- ✂ 3-4 foot strip of grooved moulding (or other material to form a "track" for the marbles)
- ✂ Electronic speaker (able to play music through it)
- ✂ Large bowl
- ✂ Plastic wrap
- ✂ Several small pieces of tissue paper
- ✂ 2 paper or plastic disposable cups
- ✂ 10-20 feet of string
- ✂ 6+ plastic drinking straws (wide preferred)
- ✂ Tape

## IDENTIFICATION

- ✂ Field guide(s) for local plants and animals, ideally including at least trees and birds

## MAPS

- ✂ Local map (e.g., a printout from Google Maps)

## SPECIES

None needed

## DIRECTIONS

- ✂ Globe
- ✂ Large ball (e.g., basketball, kickball)
- ✂ Outdoor vertical pole (e.g., fence post, basketball hoop pole, plunger, paper towel tube)
- ✂ Sidewalk chalk
- ✂ World map
- ✂ Inflated beach ball or orange (fruit)
- ✂ Scissors
- ✂ Map of your country (can be digital\*)
- ✂ Map of your state, territory, or similar (Can be digital\*)
- ✂ Map of your city, town, or similar (Can be digital\*)

\*At least one of these maps should be physical

## MAGNETISM

- ✂ Assortment of magnets, including a bar magnet and a horseshoe magnet
- ✂ Iron filings
- ✂ Sheet of posterboard
- ✂ Several steel paperclips or other small iron items
- ✂ Thin slips of different materials, e.g., paper of various sorts, cloth, plastic sheet, aluminum foil
- ✂ Steel food can
- ✂ Thread or string
- ✂ Tape
- ✂ Magnetic compass

## ENERGY III

- ✂ Bowl
- ✂ Rock or other solid object
- ✂ Clear glass or jar

## MATTER II

- ✂ Inflatable tire or ball
- ✂ Pump to inflate tire or ball
- ✂ 2 balloons
- ✂ Plastic bottle
- ✂ Pin or other tool to poke a hole in the plastic bottle
- ✂ Sponge
- ✂ Clay
- ✂ Drinking glass
- ✂ Drinking straw
- ✂ Vacuum cleaner

## FOOD CHAINS

None needed

## TIME

- ✂ Flashlight
- ✂ Sidewalk chalk
- ✂ Drinking straw
- ✂ Globe
- ✂ Lamp with a bare bulb
- ✂ Sticky note or piece of colored tape
- ✂ Posterboard

# Supplies

## AIR

- 📋 Birthday candles
- 📋 Lighter or match
- 📋 Soup bowl
- 📋 Drinking glass
- 📋 Baking soda
- 📋 White vinegar
- 📋 LEGO™ bricks or other building blocks

## ADAPTATIONS

- 📋 Six-sided die
- 📋 Balloon
- 📋 Funnel
- 📋 Small seeds (e.g., bird seed)
- 📋 Sidewalk chalk
- 📋 Tape
- 📋 1 penny
- 📋 Paperclip

## MATTER III

- 📋 Covered container to hold water
- 📋 Bowl
- 📋 2 identical plates
- 📋 Narrow drinking glass
- 📋 Ice

## BIOMES

- 📋 Yarn or string
- 📋 4-6 variously sized cups, soup or soda cans, rocks, or other similar objects
- 📋 Plastic sheet, e.g., cut-open garbage bag
- 📋 Spray bottle