

# Supply List

## Science Leader

### Session One:

#### Take a Look at Invisible Light

- ☞ Black posterboard
- ☞ Laundry soap
- ☞ White poster paint
- ☞ Shallow containers
- ☞ Several 3" paint-brushes
- ☞ Crayons (including white crayons)
- ☞ Markers
- ☞ Highlighters
- ☞ Glow-in-the-dark markers (if available)
- ☞ Copy paper
- ☞ Construction paper (variety of colors)
- ☞ Hand-held ultraviolet lights

#### Create-a-Compass

- ☞ **Create-a-Compass Kit**
- ☞ Tacky glue
- ☞ Markers or crayons

### Preschool Science

#### Light and Fire

- ☞ Light-colored paper
- ☞ Small blocks
- ☞ Flashlights
- ☞ Crayons or markers!

### Session Two:

#### Surprising Fire

- ☞ A package of birthday candles
- ☞ A package of trick birthday candles
- ☞ At least one bag of russet potatoes
- ☞ Soft modeling clay
- ☞ Toothpicks
- ☞ Almonds, cut into slivers
- ☞ A multi-purpose lighter (as used for lighting barbecue grills)
- ☞ An apple corer
- ☞ Several glass drinking glasses (large enough to fit over the candles)
- ☞ Plastic bags
- ☞ Safety gloves
- ☞ Safety glasses

#### Light...Amplified!

- ☞ A laser pointer
- ☞ A flashlight
- ☞ Dry ice (from a grocery store)
- ☞ A cooler
- ☞ A medium-sized bowl
- ☞ Heavy winter gloves or oven mitts
- ☞ A gallon jug of water
- ☞ Light bulb
- ☞ Safety glasses

### Preschool Science

#### Leaf Rubbing

- ☞ Real or artificial leaves
- ☞ Tape
- ☞ Plain paper
- ☞ Green crayons (with papers removed)
- ☞ Red washable paint
- ☞ Drinking straws
- ☞ Spoon
- ☞ Paint smocks

### Session Three:

#### Safe Landing

- ☞ Water balloons (pre-filled)
- ☞ Large bucket
- ☞ A ball of yarn or string
- ☞ Scissors
- ☞ 2 ladders

#### Floating Person Experiment

- ☞ Several new dry erase markers
- ☞ A ceramic or glass dish
- ☞ Small pitcher
- ☞ Water
- ☞ Permanent marker (adult use only)
- ☞ Paper plates
- ☞ Paper towels

### Preschool Science

#### Up on the Rooftop

- ☞ Empty tissue box
- ☞ Craft sticks
- ☞ Leaves
- ☞ Soft modeling clay

# Supply List

## Science Leader

### Session Four

#### Light and Our Sense of Sight

- ☞ Cellphones
- ☞ Credit card-sized magnifying lenses
- ☞ Dark classroom with at least one window
- ☞ A ream of copy paper

#### Balloon Celebration

- ☞ Latex balloons
- ☞ Baking soda
- ☞ Vinegar
- ☞ 1-liter disposable water bottle (empty)
- ☞ A helium-filled balloon (with a string or ribbon)
- ☞ A large clear container filled with water
- ☞ A ping pong ball
- ☞ A stone
- ☞ A cardboard box large enough for the helium balloon
- ☞ Tape
- ☞ A funnel
- ☞ Measuring cups
- ☞ Safety gloves
- ☞ Safety glasses

### Preschool Science

#### Bubbling Over With Joy

- ☞ Dishwashing soap
- ☞ Socks
- ☞ Clean plastic water bottles
- ☞ Duct tape
- ☞ Bowl or shallow pan
- ☞ Water
- ☞ Knife (adult use only)
- ☞ Food coloring (optional)

### Session Five

#### Adventure Island Volcano

- ☞ A large beaker or bottle
- ☞ Brown craft paper
- ☞ Tape
- ☞ Dry ice (available from grocery stores)
- ☞ Water
- ☞ Cans of soda or other carbonated beverages
- ☞ 3% hydrogen peroxide or 6% hydrogen peroxide (not gel)
- ☞ Dish soap
- ☞ Red or orange food coloring
- ☞ Packets of dry yeast
- ☞ Funnel
- ☞ Small disposable cups
- ☞ Spoon
- ☞ Access to warm water
- ☞ Cookie sheet
- ☞ Drop cloths
- ☞ Gloves or oven mitts
- ☞ Safety glasses

#### Capillary Actions and Reactions

- ☞ Several white carnations
- ☞ 7 oz. clear disposable cups
- ☞ Disposable nitrile gloves
- ☞ Food coloring
- ☞ Water
- ☞ A few rolls of paper towels
- ☞ Sheets of copy paper
- ☞ A spoon

### Preschool Science

#### Roll Away Stone Races

- ☞ Rocks of various shapes (no larger than a potato)
- ☞ Pieces of cardboard or box lids

### Bonus Experiment

#### Liquid Lanterns

- ☞ Food coloring
- ☞ Measuring cup
- ☞ Dark corn syrup
- ☞ Dishwashing liquid
- ☞ Water
- ☞ Vegetable oil
- ☞ Rubbing Alcohol
- ☞ 5 clear containers
- ☞ Narrow plastic cup or bottle (at least 20 ounces, or five times the amount of each liquid you are using)
- ☞ Plastic oral medicine syringes (optional)
- ☞ Spoon (optional)