

# Activity Supplies

Opening activities are listed at the beginning of each lesson, and optional activities are listed at the end of each lesson. Optional activities are not required but are offered as enhanced learning opportunities for you to complete with your child.

## Lesson 1: What Is a Meteorologist?

### Optional Activity

- paper
- crayons or markers
- device to look up weather

## Lesson 2: Weather Forecasting

- glass cup
- water
- 2 pieces of paper
- balloon
- scissors
- glass jar
- rubber band
- drinking straw
- tape
- white cardstock or other stiff paper
- pencil
- crayons

## Lesson 3: Temperature

- ice cube
- Optional Activity
- weather thermometer



## Lesson 4: The Water Cycle

- cup of water
- Optional Activity
- large bowl (clear, if possible)
  - very warm water in the bowl
  - salt
  - small container
  - plastic wrap
  - ice cubes

## Lesson 5: Clouds

- Optional Activity
- glue
  - cotton balls
  - construction paper
  - gray paint, marker, or crayon

## Lesson 6: Wind

- blade of grass
- Optional Activity
- small piece of toilet paper or some other very light object
  - kite



## Lesson 7: Rain and Snow

### Optional Activity

- square piece of paper
- scissors

## Lesson 8: Rainbows

- piece of white paper
- sunny window or a flashlight
- tape
- glass of water
- red, orange, yellow, green, blue, indigo, and violet crayons or colored pencils

## Lesson 9: Floods

### Optional Activity

- casserole dish or medium-sized plastic container
- dirt or sand
- water
- toys or wooden blocks

## Lesson 10: Tornadoes and Hurricanes

### Optional Activity

- wide-mouthed water bottle or mason jar with straight sides and a lid
- water
- dish soap



# Activity Supplies cont.

## Lesson 11: Lightning and Thunder

### Optional Activity

- balloon

## Lesson 12: Light and Shadows

- scissors
- bright flashlight
- clear glass jar
- juice
- rock, block, or spoon
- wooden craft stick
- tape

### Optional Activity

- a variety of toys or other objects as subjects for your art
- paper
- colored pencils, crayons, or markers
- sidewalk chalk as alternative to paper and drawing utensils

## Lesson 13: Reflection of Light

- small mirror

### Optional Activity

- a sunny day
- “dull” household items
- “shiny” household items



## Lesson 14: Light and Color

- red, blue, and yellow crayons
- paper

### Optional Activity

- tempera or watercolor paints
- paintbrush
- cardstock or construction paper
- water

## Lesson 15: Bodies of Water

### Optional Activity

- paper
- watercolor paint
- water
- paintbrush



## Lesson 16: Salt Water and Fresh Water

- 2 glasses of water
- 1 Tbsp salt
- 2 spoons

### Optional Activity

- 2 glasses
- 2 cups of warm water
- ¼ c salt
- 2 small carrots
- other items for experimentation if desired

## Lesson 17: What Is a Marine Biologist?

- scissors
- paper
- pencil and colored pencils or markers

## Lesson 18: Sand and Seashells

### Optional Activity

- a few cups of sand
- a few cups of cornstarch or flour
- vegetable oil
- plastic tub or other container
- measuring cups, spoons, or any other rounded items

## Lesson 19: Wonderful Waves

- bowl
- water
- towel

### Optional Activity

- items listed above
- small items that can be placed in the water
- straw

## Lesson 20: Names of the Oceans

### Optional Activity

- paper
- blue, green, and black markers

# Activity Supplies cont.

## Lesson 21: Zones of the Ocean

### Optional Activity

- 5 bowls
- red, green, and blue food coloring
- $\frac{3}{4}$  c corn syrup
- .9-L (32-oz) clear jar
- $\frac{3}{4}$  c clear dish soap
- funnel
- $\frac{3}{4}$  c water
- $\frac{3}{4}$  c cooking oil
- $\frac{3}{4}$  c rubbing alcohol
- medicine dropper
- masking tape
- permanent marker

## Lesson 22: Animals of the Open Ocean

- ruler
- 1–2 items that are 1.3–30.5 cm (.5–12 in) long, such as a cracker, a pencil, or a paper clip
- dime

### Optional Activity

- 2 bowls
- water
- ice cubes
- 2 quart-sized zip-top bags
- vegetable shortening
- spatula
- 2 gallon-sized zip-top bags

## Lesson 23: On the Seashore

- piece of paper
- globe or map showing shorelines

### Optional Activity

- paper
- pencil
- colored pencils or markers

## Lesson 24: Coral Reefs

- two small items that can be used as game tokens, such as goldfish crackers
- six-sided dice

## Lesson 25: Animals of the Coral Reef

- none

## Lesson 26: Animals of the Sunlight and Twilight Zones

### Optional Activity

- 2 colors of play dough—one lighter and one darker

## Lesson 27: Animals of the Midnight Zone

### Optional Activity

- paper bowl
- glow-in-the-dark acrylic paint
- paintbrush
- scissors
- brightly colored yarn
- tape or glue

## Lesson 28: Sharks

### Optional Activity

- two balloons
- $\frac{1}{4}$  c water
- $\frac{1}{4}$  c vegetable or canola oil
- permanent marker
- medium-sized tub filled with water

## Lesson 29: Dolphins

- none

## Lesson 30: Funny Fish

- scissors
- small basket, bowl, or net
- glue

