

Experiments Supply List

DAY 1

BONZER BOOMERANG

- ☐ [Boomerang Pattern](#)
- ☐ 6-in. tongue depressors, 4 per child (3 for the frame and 1 for a folding guide)
- ☐ 8 additional tongue depressors or craft sticks
- ☐ 110# cardstock, any color or colors
- ☐ Hot glue gun (adult-use only)
- ☐ Tape, several pieces per child
- ☐ Pen or pencil
- ☐ Optional: picture of an airfoil

FOSSIL HANDPRINT

- ☐ Air-dry clay, amount varies
- ☐ Plaster of Paris, amount varies
- ☐ Petroleum jelly, amount varies
- ☐ Paper plates, 1 per child
- ☐ Wet wipes for cleanup, 1 per child
- ☐ Zippered baggies and airtight containers for clay, 1 baggie per child
- ☐ Optional: fossils or pictures of fossils

DAY 2

PICK YOUR BRAIN

- ☐ [Brain Picture](#)
- ☐ 1-in. cubes of soft silken tofu, 1 per child
- ☐ 2-oz. condiment cups and lids, 1 cup and lid per child
- ☐ Wet wipes, 1 per child
- ☐ Dental floss or knife

MAKING SENSE OF SENSES

(for every mate)

- ☐ [Optical Illusions Sheets](#)
- ☐ Two 1-in. squares each of 4 different textured fabrics
- ☐ Brown paper bag
- ☐ Four 1-oz. or 2-oz. condiment cups with lids
- ☐ $\frac{1}{2}$ or $\frac{1}{4}$ t. vanilla
- ☐ Pinch of salt
- ☐ Pinch of sugar
- ☐ Pinch of coffee grounds

DAY 3

STELLAR STETHOSCOPE

LATEX WARNING: Make separate kits without balloons for anyone with a latex allergy. If severe, don't use balloons in the room at all.

- ☐ [Heart Picture](#)
- ☐ Plastic funnels, 1 per child
- ☐ Clear plastic tubing that fits snugly onto the funnel yet is large enough to not enter the outer ear canal, one 12-in. piece per child
- ☐ 12-in. round latex balloons, 1 per child

- ☐ Scissors (If cutting the balloons during Pre-prep, only one pair is needed; otherwise, 1 per child)
- ☐ Empty gallon container

TOOTHPICK HEARTBEAT

- ☐ Mini marshmallows, 1 per child
- ☐ Toothpicks, 1 per child
- ☐ Timer

DAY 4

LET'S GET "A-LUNG"

LATEX WARNING: Make sure nobody has a latex allergy before deciding to do this.

- ☐ [Lungs Picture](#)
- ☐ Round latex balloons, 2 per child or group
- ☐ Stiff plastic bottles like Powerade or Vitamin Water, 1 per child or group
- ☐ Scissors, 1 per child or group
- ☐ Optional: electrical tape

BLOOD SAMPLE

- ☐ Heavy duty, leakproof bags, 1 per child
- ☐ Clear corn syrup, such as Karo, $\frac{1}{4}$ c. per child
- ☐ Cinnamon imperials, such as Red Hots, $\frac{1}{4}$ c. per child
- ☐ Large bowls, 1 per table
- ☐ Medium bowls, 2 per table
- ☐ Spoons, 2 per table
- ☐ $\frac{1}{4}$ c. measuring cups, 1 per table
- ☐ Dry lima beans, 2 per child
- ☐ Sprinkles or nonpareils, a pinch per child
- ☐ Optional: three 2-liter bottles

DAY 5

MINING CEREAL

- ☐ Heavy duty zippered baggies, 1 per child
- ☐ Cereal with high iron content, such as Total, 1 c. per child
- ☐ Styrofoam or paper bowls, 1 per child
- ☐ Spoons (heavy duty plastic or metal), 1 per child
- ☐ Paper towels, 1 per child
- ☐ Coffee cups with lids holding 1 c. warm water, 2 per child (one for mixing and one for rinsing)
- ☐ Neodymium magnets (remain at the table), 1 per child
- ☐ Clear tape, 3-4 in. per child
- ☐ White paper or cardstock, one 2 x 4-in. piece per child

FABULOUS FINGERPRINTS

- ☐ [Fingerprint Pictures](#)
- ☐ 2-in. square of black cardstock, 1 per child
- ☐ 2-in. strip of clear shipping tape, 1 per child
- ☐ Lotion (on plate or bowl for each table)
- ☐ Baby powder (on plate or bowl for each table)
- ☐ Fuzzy material (e.g., blush brush or soft faux fur)
- ☐ Optional: nonbreakable magnifying glasses