

EXPERIMENTS SUPPLY LIST

Day 1

Order and Disorder

FOR DEMO

- ☐ LEGO Pictures
- ☐ LEGO bricks:
 - ☐ 12 small squares of same color
 - ☐ 6 medium bricks of same color
 - ☐ 6 large bricks of same color

PER STUDENT, SMALL GROUP, OR TABLE

- ☐ 6 small blocks per child
- ☐ 1 bin to hold the blocks
- ☐ 1 bowl to hold the following:
 - ☐ 1 AA battery
 - ☐ 1 AA battery holder with wire leads
 - ☐ 1 mini light bulb and socket

Stack the Layers

PER STUDENT

- ☐ Rainforest Layers Pattern
- ☐ Envelope
- ☐ 8½ x 11 sheet of printable transparency film
- ☐ Small brass fastener
- ☐ Permanent marker
- ☐ Optional: small rainforest animal stickers

TEACHER USE

- ☐ Rainforest Animal Pictures
- ☐ Scissors or paper cutter
- ☐ Small hole punch

Day 2

Fallen Foliage

FOR DEMO

- ☐ Gift box with separate lid
- ☐ Unsharpened pencil
- ☐ 18-inch piece of string
- ☐ Plastic drink bottle
- ☐ Empty cereal box
- ☐ 6-inch piece of string
- ☐ Small plastic animal
- ☐ Pair of scissors

PER TABLE

- ☐ Gift box with separate lid
- ☐ Unsharpened pencil
- ☐ 18-inch piece of string
- ☐ Plastic drink bottle

PER STUDENT, SMALL GROUP, OR TABLE

- ☐ Venus Flytrap Care Instructions
- ☐ 1 Venus flytrap potted plant
- ☐ 1 plastic cup to hold the potted plant
- ☐ Distilled water or rainwater

TEACHER USE

- ☐ Rainforest Traps Pictures

- ☐ Trays for leaders to carry plants

Catastrophic Eruption

PER STUDENT OR TABLE

- ☐ 40 ml ketchup
- ☐ 40 ml vinegar
- ☐ 2 tsp. baking soda
- ☐ 25 ml water
- ☐ Liquid dish soap
- ☐ 1 paper towel
- ☐ 1 4-oz. empty bottle
- ☐ 1 6-oz. paper cone
- ☐ 1 disposable bowl
- ☐ 1 irrigation syringe with tip cap (≥ 50 ml)

PER TABLE

- ☐ 1 bucket for cleanup
- ☐ Extra paper towels for spills

TEACHER USE

- ☐ Earth Layers Illustration
- ☐ Volcanoes Illustration

Day 3

Skin-Deep

PER STUDENT

- ☐ Cellophane (or other transparent material) in a variety of colors
- ☐ One envelope (larger than 3 x 5)

TEACHER USE

- ☐ Optional: world map

Tower Test

PER STUDENT OR SMALL GROUP

- ☐ At least 55 small, 1- or 2-inch building blocks
- ☐ One paper plate

TEACHER USE

- ☐ Ziggurat Picture
- ☐ Clock, watch, or timer

Day 4

Don't Eat Me

PER STUDENT

- ☐ 20–40 dry brown beans
- ☐ 2 brown M&M's (same color as the beans)
- ☐ 2 brightly colored M&M's
- ☐ Camphor essential oil
- ☐ Cotton ball or swab
- ☐ Bite-size scoop of passion fruit
- ☐ 1 unsweetened 100% cacao chocolate chip
- ☐ Plastic spoon
- ☐ 2 small sample cups with lids
- ☐ 2 zippered snack bags

TEACHER USE

- ☐ Defense Mechanisms Pictures

Ring Around a Tree

PER STUDENT

- ☐ Plastic drinking straw
- ☐ Small cup of water
- ☐ Small wood slice (cross section)

TEACHER USE

- ☐ Tree Diagram

Day 5

Cycling in the Jungle

PER STUDENT

- ☐ 4 gray, 6 white, 3 red pony beads in a zippered baggie
- ☐ 10-inch length of pony-bead lacing cord or Rexlace
- ☐ 5 x 5-inch piece of foil
- ☐ Paper towel
- ☐ 2 plastic cups
- ☐ Plastic spoon
- ☐ Water

PER TABLE

- ☐ Bucket for waste water

TEACHER USE

- ☐ Optional: Tree Bark Pattern
- ☐ 1 sheet of 8½ x 11-inch water-soluble label stock per 10 students or water-soluble canning labels

Good Again

FOR DEMO

- ☐ 15 ml disposable centrifuge tube with lid
- ☐ Disposable pipette
- ☐ Paper towel
- ☐ Portion cup with water

PER STUDENT

- ☐ Distilled water
- ☐ Sodium carbonate (washing powder, soda ash, pH plus)
- ☐ Phenolphthalein indicator
- ☐ Vinegar
- ☐ 15 ml disposable centrifuge tube with lid
- ☐ 2 disposable pipettes
- ☐ 2 portion cups with lids
- ☐ Paper towel

PER TABLE

- ☐ Bucket for cleanup

TEACHER USE

- ☐ Permanent marker
- ☐ Container for mixing
- ☐ Large spoon for mixing