

Appendix: Materials List

Weekly Materials:

- ❖ Pencils
- ❖ Crayons
- ❖ Markers: watercolor and permanent
- ❖ Scissors
- ❖ Colored pencils
- ❖ Chalk
- ❖ Glue
- ❖ Paints: watercolor and water-based poster or finger paint
- ❖ Shallow trays to hold paint
- ❖ Paint brushes
- ❖ Writing paper
- ❖ Colored construction paper: 8" x 10" and 11" x 14"
- ❖ Calendar
- ❖ Journal
- ❖ Index cards
- ❖ Stickers
- ❖ Paper clips
- ❖ Rubber bands
- ❖ Brown paper lunch bags
- ❖ Stapler
- ❖ Hole punch
- ❖ Coins
- ❖ Dice
- ❖ Paper plates
- ❖ Blocks
- ❖ String and yarn, various colors
- ❖ Flashcards
- ❖ Square tiles
- ❖ Salt tray
- ❖ United States map
- ❖ World map or globe
- ❖ Calculator
- ❖ Ruler and yardstick
- ❖ Bean bags
- ❖ Timer
- ❖ Deck of cards
- ❖ Cuisenaire® rods
- ❖ Pattern blocks

Farming:

- ❖ Legos®, card stock, or wooden craft sticks
- ❖ Plastic people and animals, optional
- ❖ Small and medium mixing bowls
- ❖ Whisk
- ❖ Pastry roller and board
- ❖ Oil for deep frying
- ❖ Skillet or deep-fryer
- ❖ Doughnut pan or mini muffin tin, optional
- ❖ Flour
- ❖ Sugar
- ❖ Baking powder
- ❖ Cinnamon
- ❖ Salt
- ❖ Egg
- ❖ Vanilla
- ❖ Buttermilk
- ❖ Butter or margarine
- ❖ Almond extract
- ❖ Three-inch Tootsie Roll®
- ❖ Spray bottle
- ❖ Bread
- ❖ Four toothpicks
- ❖ Re-sealable baggies
- ❖ Potting soil
- ❖ Small pot
- ❖ Red and green food coloring
- ❖ Celery stalk
- ❖ Potatoes
- ❖ Jar
- ❖ Small glass
- ❖ Lima bean seeds
- ❖ Four plastic cones
- ❖ Two small blocks of wood
- ❖ Watermelon
- ❖ Raisins
- ❖ Plastic wrap
- ❖ Rolling pin
- ❖ Baking sheet
- ❖ Large knife
- ❖ Cutting board
- ❖ Dried watermelon seeds, rice, peas, beans, and corn
- ❖ Heavy cardboard or scrap piece of plywood
- ❖ Eight Oreos®
- ❖ Orange
- ❖ Flashlight
- ❖ Large cardboard boxes
- ❖ Two-liter bottles
- ❖ Plastic rings or hoops
- ❖ Rubber ball
- ❖ Small basketball
- ❖ Three shells
- ❖ Pea or marble
- ❖ Four (or more) three-foot pieces of foam insulation (3/8" or 1/2" wide)
- ❖ Marbles
- ❖ Paper clock
- ❖ White socks
- ❖ Cardboard oatmeal container
- ❖ Uncooked rice

Poetry:

- ❖ 11" x 14" sheet of white paper
- ❖ Plastic clock or a homemade clock (paper plate, brass fastener, plastic or cut-out paper clock hands)
- ❖ Graham crackers
- ❖ Cuisenaire® rods
- ❖ Ping pong balls (ten)
- ❖ Velcro
- ❖ Terry cloth or microfiber material
- ❖ Washcloth
- ❖ Salt
- ❖ Oil
- ❖ Flour
- ❖ Cornstarch
- ❖ Food coloring
- ❖ Mixing bowl
- ❖ Egg carton
- ❖ Airtight container
- ❖ Painter's tape or chalk

Body Systems:

- ❖ 9" x 12" sheet of white construction paper
- ❖ Red, fine-point marker
- ❖ Dictionary
- ❖ Tennis ball
- ❖ Clay
- ❖ Toothpick
- ❖ Stethoscope
- ❖ Filtering materials: six-inch-square piece of each
 - Window screening
 - Hardware cloth: 1/8" mesh
 - Hardware cloth: 1/4" mesh
 - Hardware cloth: 1/2" mesh
 - Poultry netting: 1" holes
- ❖ Large funnel
- ❖ Coffee filter
- ❖ Measuring cups
- ❖ Medium-sized bowls
- ❖ Sand
- ❖ Small pebbles
- ❖ Duct tape
- ❖ 2 small-diameter straws or coffee stirrers
- ❖ 2 small balloons
- ❖ 1 large balloon
- ❖ 20-ounce water bottle (made of stiff plastic)
- ❖ 1/4 pound beef liver
- ❖ Eye dropper
- ❖ 3 test tubes
- ❖ Small container
- ❖ Salt
- ❖ Hydrogen peroxide
- ❖ Blender
- ❖ Five-foot-long piece of paper
- ❖ Tennis ball, Nerf® ball, baseball
- ❖ Baseball glove
- ❖ Batting tee
- ❖ Drum (from Lesson 15)
- ❖ Salt tray or shaving cream
- ❖ Painter's tape or masking tape
- ❖ Clear plastic jug
- ❖ 250 ml measuring cup
- ❖ Permanent marker
- ❖ Vinyl tubing: 2 feet
- ❖ Plastic straw
- ❖ Food coloring
- ❖ Plastic tub, optional
- ❖ Spirometer
- ❖ Disposable aluminum pie tin or shallow pan
- ❖ India ink, black
- ❖ Baby or corn oil
- ❖ Toothpicks
- ❖ Newspaper
- ❖ Frisbee®
- ❖ Sticky notes
- ❖ Cardboard
- ❖ Oil
- ❖ Flour
- ❖ Cornstarch
- ❖ Large bowl
- ❖ Measuring cups and spoons
- ❖ Resealable baggie

Great Lakes States:

- ❖ Plastic spoons
- ❖ Pattern blocks game cards from Lesson 21
- ❖ Light-weight paper plate
- ❖ 6 cups of soil with high clay content
- ❖ 3 cups of sand
- ❖ 1 1/2 cups of straw
- ❖ Large bucket
- ❖ Shoebox
- ❖ Graph paper
- ❖ Plastic cones
- ❖ Soccer ball
- ❖ Small and large mixing bowls
- ❖ Round baking pan
- ❖ Muffin tins
- ❖ Mixer
- ❖ Food coloring (green and blue)
- ❖ Oil
- ❖ Sugar
- ❖ Eggs
- ❖ Milk (dairy or non-dairy)
- ❖ Flour
- ❖ Baking powder
- ❖ Salt
- ❖ Vanilla
- ❖ Fresh or frozen blueberries
- ❖ Butter or margarine
- ❖ Cinnamon
- ❖ Large rubber ball
- ❖ Laundry basket
- ❖ Balloons
- ❖ Hula hoops (3)
- ❖ Dry erase marker or erasable colored pencils
- ❖ Plastic sheet protector
- ❖ Small baby food jar with lid
- ❖ Hot glue gun
- ❖ Small plastic pine tree
- ❖ Plastic animal
- ❖ Gold or silver glitter
- ❖ Super ball
- ❖ Copy paper box
- ❖ Wooden skewer
- ❖ Ice pick (optional)
- ❖ Five small boxes
- ❖ Basketball or Nerf® ball
- ❖ Basketball court or empty trashcan
- ❖ Beanbags or rolled-up socks
- ❖ 15 paper towel or toilet paper rolls (empty)
- ❖ Bingo chips or coins
- ❖ Material pieces
- ❖ Needle
- ❖ Thread
- ❖ Small plastic container with a lid
- ❖ Alka-Seltzer® tablets
- ❖ One empty half-gallon drink carton
- ❖ Straws
- ❖ Four empty thread spools
- ❖ Balloons of different sizes
- ❖ Cotton balls
- ❖ Paper plate
- ❖ Plastic golf club or hockey stick, optional
- ❖ Plywood or several flat rulers
- ❖ Small toy car
- ❖ Clay or play dough
- ❖ Three small metal washers
- ❖ Stack of books
- ❖ Marble
- ❖ Two small, identical, plastic containers with lids
- ❖ Painter's tape
- ❖ Washable paint (at least three colors)
- ❖ Eye dropper
- ❖ Card stock
- ❖ Disposable cup
- ❖ Bubble wand and bubbles
- ❖ Slinky®
- ❖ Ball
- ❖ Kite
- ❖ Cardboard (12" x 12" sheets)
- ❖ Posterboard (12" x 12" sheets)
- ❖ Rocks
- ❖ Balloon-powered car from Lesson 54
- ❖ Wooden craft sticks
- ❖ Plastic drinking straws
- ❖ Pipe cleaners
- ❖ Toothpicks
- ❖ Packaging tape
- ❖ Masking tape
- ❖ Gorilla Glue®
- ❖ Super Glue®
- ❖ String
- ❖ Glass
- ❖ Wagon
- ❖ Wire hanger
- ❖ Ribbon, yarn, or decorative paper

Invertebrates:

- ❖ Plastic cup or petri dish
- ❖ Large and small plastic container with lid
- ❖ Small, plastic tank
- ❖ Dirt
- ❖ Earthworms and planaria
- ❖ Spray bottle, optional
- ❖ Microscope
- ❖ Plastic cones
- ❖ Soccer ball
- ❖ Egg carton
- ❖ Forty-eight beans
- ❖ Two small jars
- ❖ Paint: optional
- ❖ White socks
- ❖ Insect net
- ❖ Container with a lid
- ❖ Fingernail polish remover
- ❖ Cotton ball
- ❖ Piece of styrofoam or cardboard
- ❖ Empty spider web
- ❖ Newspapers
- ❖ Spray paint
- ❖ Spaghetti
- ❖ Paper plate
- ❖ Brass fastener
- ❖ Four lemons
- ❖ Wire (2 feet)
- ❖ Alligator clips (10)
- ❖ Galvanized nails (4)
- ❖ Small LED lightbulb
- ❖ Flour
- ❖ Cocoa powder
- ❖ Baking soda
- ❖ Salt
- ❖ Butter or shortening
- ❖ White and brown sugar
- ❖ Eggs (2)
- ❖ Vanilla
- ❖ White or dark chocolate chips
- ❖ Chopped pecans
- ❖ Medium and large bowls
- ❖ Baking sheets
- ❖ Parchment paper
- ❖ Mixer
- ❖ Optional: marshmallows, pretzel sticks, small candies, frosting

Wrap It Up:

- ❖ Sticky notes
- ❖ Basketball or Nerf® ball
- ❖ Basketball court or empty trashcan
- ❖ Numbered index cards from Lesson 12
- ❖ Painter's tape or chalk
- ❖ Equivalent fraction cards from Lesson 23