

Grade 2: Labs Materials List

Note: The below list only includes items that may not be readily available in the classroom or school building. For a complete list of materials please see the Labs lessons.

Module 1 - Estimated Cost: \$400.00 - \$500.00

Materials

Mirrors (one per student and one for teacher modeling)

Rulers (one per student or a cup of rulers per workstation)

Workstation materials (modeling clay, common kitchen materials and safe cooking utensils, felt or magnet boards)

Building blocks (one set of wood or linking blocks)

White boards (one large to share or several small to share)

White board markers (one per student)

Hand or Finger Puppets (several to share)

Watercolor paints (one set per student)

Dress-up materials (assortment of regular items including fun pieces of fabric, dress shirts, ties, bags, glasses, costume jewelry, etc., plus a few specific items like lab coat and stethoscope, tool belt and hardhat, fire hat, police badges)

Module 2 - Estimated Cost: \$175.00 - \$200.00

Materials

Air dry clay (class set; for teacher modeling and divided into containers for each workstation)

Skewers (several per student and one for teacher modeling)

Toothpicks (several per student and one for teacher modeling)

Plastic container (large and shallow; 40-60 quart capacity; one per Lab group and one for teacher modeling)

Plaster mix (amount varies; used by the teacher to create the dig site)

Sand (amount varies; used by the teacher to create the dig site)

Chisel (two or three to share in the Explore Lab)

Small hammers (two or three to share in the Explore Lab)

Paintbrushes (variety of sizes; several to share in the Explore Lab)

Toothbrushes (several to share in the Explore Lab)

Tweezers (several to share in the Explore Lab)

Magnifying glasses (several to share in the Explore Lab)

Plastic forks (several to share)

Module 2, continued**Materials**

Plastic knives (several to share)
Mixing bowl (one to share in the Explore Lab)
One-cup measuring cups (three to share in the Explore Lab)
Plaster of Paris (1/2 cup per student)
Mixing spoon (one to share in the Explore Lab)
Plastic or paper containers (one per student)
Cardstock (blank; 8.5-by-11 inches; cut into four equal pieces; 3-4 cards per student)

Module 3 - Estimated Cost: \$100.00 - \$200.00**Materials**

Timer (one per pair)
Plants (four per class)
Birdseed (one small package per workstation; consider dividing a 10-pound bag between the stations)
Cotton balls (one per student)
Fabric swatches (approximately 3-by-3 inch squares; four or five different fabrics; one set per workstation)
Velcro (one 3-by-3 inch square per workstation)
Feathers (one per pair)
Pipe cleaners (several to share)
Flour (yellow-colored; one cup to share)
Q-tips (several per student)

Module 4 - Estimated Cost: \$35.00 - \$60.00**Materials**

Feathers (optional; variety of colors in the Create Lab)
Googly eyes (optional; variety of sizes in the Create Lab)
Tissue paper (optional; variety of sizes in the Create Lab)
Paper (butcher block; one 24-by-18 inch piece per student)
Container for planting (disposable cups or clay plant pots; several per Lab group)
Seeds for pollinator-friendly plants (various depending on resources and region)
Soil (4-quart bag; one bag per Lab group)
Young and mature pollinator plants (various depending on resources and region)
Corks (optional; to place in containers to encourage pollinator landing and drinking)
Craft sticks (two per student)
String (8 inches long; four pieces per student)