

Choose Your Adventure

Materials list — ten activities, and what each one needs

AHS Worldwide | Earth Science | Unit 1 | Early Elementary

HOW TO USE THIS LIST: You do not need all ten activities. Each one stands on its own, so pick the ones that fit your week and skip the rest. Almost everything here is already somewhere in your house. Anything marked as included is a page you print from the unit, not something you buy.

Print These Pages First

- ☐ Crust-to-Core Coloring Page — for Activity 3
- ☐ Earth Layers Cut & Paste Page — for Activity 4
- ☐ Tectonic Plate Puzzle — for Activity 5
- ☐ Inside a Volcano Coloring Page — for Activity 9
- ☐ Earthquake Escape Maze — for Activity 10

THE ONLY THINGS YOU MIGHT NEED TO BUY: Play dough or modeling clay, baking soda, white vinegar, dish soap, glue, and mini marshmallows with toothpicks if you choose Activity 7. Everything else on this list is a towel, a tray, a crayon, or a pair of scissors.

1. Towel Tectonics

- ☐ 2 hand towels, or 2 small bath towels
- ☐ A table or other flat surface

2. Build a Play-Dough Earth

- ☐ Play dough or modeling clay in 4 different colors
- ☐ A plastic knife, craft stick, or other child-safe cutting tool

3. Crust to Core

- ☐ Crust-to-Core Coloring Page (included — print it)
- ☐ Crayons, colored pencils, or markers

4. Build Earth's Layers

- ☐ Earth Layers Cut & Paste Page (included — print it)
- ☐ Crayons or markers
- ☐ Child-safe scissors
- ☐ Glue

5. Piece Together the Plates

- ☐ Tectonic Plate Puzzle (included — print it)
- ☐ Child-safe scissors
- ☐ Crayons or colored pencils
- ☐ Glue (optional)

6. Shake It Up!

- ☐ Building blocks, LEGO bricks, wooden blocks, or another stackable material
- ☐ A cookie sheet, tray, sturdy cardboard, or cutting board

7. Can You Build It Stronger?

- ☐ One building set: toothpicks and mini marshmallows, LEGO, blocks, or craft sticks with modeling clay
- ☐ A tray, cookie sheet, sturdy cardboard, or cutting board

8. Make a Volcano Erupt!

- ☐ A small plastic cup
- ☐ Baking soda
- ☐ White vinegar
- ☐ Dish soap
- ☐ A spoon
- ☐ A tray or baking sheet
- ☐ Play dough, modeling clay, or aluminum foil
- ☐ Washable red or orange food coloring (optional)

9. Inside a Volcano

- ☐ Inside a Volcano Coloring Page (included — print it)
- ☐ Crayons, markers, or colored pencils

10. Earthquake Escape!

- ☐ Earthquake Escape Maze (included — print it)
- ☐ A pencil, crayon, or marker

SAFETY: A grown-up handles the cutting tool in Activity 2 and pours the vinegar in Activity 8. The volcano eruption is harmless, but do it on a tray, and keep it out of eyes. Nothing in this unit needs heat, a stove, or a sharp knife.