

# Kaboom! Chem Lab

Create a colorful chemistry lab where kids can learn that God's Plan 4 U = Jesus creates the perfect solution for a great life!

## Level 1

- Use these easy decorating supplies, available from Gospel Light. Attach **Decorating Posters, Bible Teaching Posters**, preprinted **Wall Murals** and **Wall Cutouts** to the walls. Also use extra-large posters from the **NEW! MEGA Decorating Pack**. Add color with **Daily Plan Pennants, Publicity Posters** and **Test Tubes**.
- On a **whiteboard or chalkboard**, use **dry-erase markers or chalk** to draw chemical diagrams and names for different chemical elements. See **Chemistry Whiteboard Formulas** (p. 30) for ideas, or enlarge the pattern, trace with colorful markers onto butcher paper and attach to the wall.

## Level 2

- On a table, set up a "chemistry experiment." Fill **glass beakers, tall and cylindrical glass vases** and other **glass containers** with water dyed with **food coloring**. (Option: Fill containers with **water beads**. See sidebar.) Place ends of **clear, plastic tubing** into separate "solutions." Print out **chemical charts and equations** found on the Internet and clip to a **clipboard**. Place on the table. Add **test tubes, pipettes or eyedroppers**.
- Hang a **lab coat** on the wall. Set out additional **chemistry tools such as goggles, plastic gloves, chemistry books, funnels, measuring utensils and periodic tables**.
- Print out **Lab Safety Symbols** (p. 32) to make signs and attach to walls or at room entrance.

## Level 3

- Attach **brightly colored butcher paper** (with a curvy line along the top edge to suggest a liquid solution) to the bottom half of one wall. Cut another sheet of butcher paper and attach this sheet beside the butcher paper already hung on the wall. Repeat to fill space.
- Enlarge, paint and cut out **Chemistry Beakers** on p. 32 (also in *MEGA Decorating Pack*). Cut large circles out of **butcher paper or construction paper** for "bubbles." Attach beaker and bubble cutouts to the wall.
- Enlarge **SonSpark Labs Periodic Table** (p. 28) onto butcher paper, trace with markers and attach to a wall.
- Make a giant **Hula-Hoop Atom** (see instructions on p. 15) and hang from the ceiling with **fishing line**.
- On a table, set out chemical compounds (**sugar, water, baking soda, salt and/or vinegar**) in glass containers. Print **Chemical Labels** (p. 30) onto card stock to make standing signs and place next to containers.
- Create models of molecules using **gumballs or gumdrops and toothpicks**. Refer to images found on the Internet of various molecules. (Option: Purchase a molecule model kit from an educational supply store.)

**Water Beads:** Water beads are small gel orbs that are often used by floral designers for arrangements. They are also used in a number of sensory play activities for children. Water beads expand in water, so a small amount of beads will fill an entire container. Use these in your "chemistry experiment" display for a "bubbly" effect!

