Water Field Day
For Elementary School Students

Teach children about water with interactive games and activities. This guide provides a brief description of each water activity, a materials list, concepts to be learned by each grade level's activity, and a link to more specific instructions.

Activities and Materials Sorted by Grade Level

**Grades K-1**
Learn about the process of evaporation with the [Handprint Evaporation](#) activity.

**Materials Needed:**
- A bowl of water
- A sunny sidewalk
- A shady sidewalk

**Grade 2**
Learn about the hydrologic cycle with [Water Cycle in a Bag](#) activity.

**Materials Needed:**
- 2 Tablespoons of water
- A plastic zippered baggie
- Tape

Concepts

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**Grade 3**
Have fun with bubbles and learn about surface tension.

**Materials Needed:**
- 5 gallon bucket
- Liquid dish soap
- Bubble wand (see link for options)

**Grade 4**
Create a basic water filter out of different materials and turn dirty water into “clean” water.

**Materials Needed:**
- 2 2-Liter soda bottles (empty)
- A homemade filter (sock, paper towel, sponge, cotton balls, etc.)
- Contaminants (cooking oil, laundry soap, dirt, grass, etc.)

**Grade 5**
Learn how groundwater is formed and how water flows through different kinds of sediment with an experiment in Groundwater Movement.

**Materials Needed:**
- 2-Liter soda bottles
- Various sediment materials (sand, clay, gravel, etc.)
- Food coloring

**Grade 6**
Learn about sources of pollution while playing the Healthy Water Hopscotch game

**Materials Needed:**
- Garden stakes
- Plastic cups
- Foam or plastic “tokens”
- Signs

We never know the worth of water till the well is dry. ~Thomas Fuller, *Gnomologia*, 1732

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