

# 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

Grades K-1	Evaporation
Grade 2	The Hydrologic Cycle
Grade 3	Surface Tension
Grade 4	Water Filtration
Grade 5	Ground Water
Grade 6	Pollution



# Activities and Materials Sorted by Grade Level

## 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

The Water Project, Inc.

P.O. Box 39487

Charlotte, NC 2827

<http://thewaterproject.org/>