

# WATER WIZARDS

## "HOME BREW"

### WATER STOPPERS

#### WATER WIZARD:

You learned another valuable lesson about water today. Share what you learned with your parents. Do you remember talking about these things?

1. The different kinds of soils.
2. How water moves through soil.
3. How to measure water.
4. How water is an important ingredient in soil.
5. The experiment you conducted.

#### MORE WIZARD THINGS TO KNOW!

1. Tiny leaks can waste a lot of water. A dripping faucet will waste thousands of gallons of water in a year.
2. Twenty out of every hundred toilets in America are leaking water right now. In a year that is enough water to take three baths every day (22,000 gallons).
3. Look out your window the next time it rains hard. Where does the water go that falls on your driveway? Where does the water go that falls on the grass? How long does it take your yard to dry out? Do you think your soil has more clay or more sand in it? Ask your mom if she knows!

#### WATER WIZARD WAYS TO SAVE THE EARTH!

1. Investigate all the faucets at your house (don't forget outside) to check for drips. Tell your parents what you find. Leaky faucets can be easily fixed and you will save thousands of gallons of water.
2. Ask your parents to help you check the toilet for leaks. Remove the lid from the toilet tank, drop about 12 drops of food coloring into the tank and replace the lid. Wait 15 minutes and then look in the toilet bowl. If colored water shows up you've found a leak! Be sure you don't flush the toilet while you wait. Tell your parents what you've found and ask them to fix the leak.

#### DO YOU CARE-ENOUGH?

The Clinch River contains many different kinds of shellfish and nearly 50 kinds of mussels. Some of these are endangered. Mussels die easily when the rivers and streams become polluted. The Clinch River is known worldwide for its wealth of mussels. A long time ago buttons were made from mussel shells and wood before plastic was invented.