

"WATER STOPPERS"

YOU WILL LEARN...

- **How to tell the difference between three types of soil.**
- * **How water moves through soil.**
- * **How to measure water.**

WHY IS THIS IMPORTANT?

Have you ever thought about the soil you walk on in your yard? How does it feel when you squeeze it? Is it different from the soil at your school?

Soils are like people, they are all different. In the United States there are more than 70,000 different kinds of soil. Soils are made of three kinds of soil particles, sand, silt and clay. Water is also an important ingredient in soil. The water holds the soil particles together.

When it rains, water moves through the air spaces between soil particles. If a soil has many air spaces then the water drains quickly. If the air spaces are very small, the water drains very slowly.

DO THIS...

Pay close attention to your teacher. Your teacher will show you how water moves through soil. You are going to enjoy this!

WATER WIZARD, CAN YOU TELL ME...

- * How soils are like people?
- * What the three kinds of soil particles are?
- * If your yard stays muddy for a long time after it rains, what kind of soil is it?
- * What three types of soil look like?
- * What three types of soil feel like?

WATER WIZARD WORKOUT

Help the rain from the cloud get to the duck pond.

