

## ***Brainteasers:***

### ***Monday:***

How much of the earth's water is drinkable?

A: One Percent

### ***Tuesday:***

According to the poster, in which Water Management District could you find the highest demand for fresh water? What has caused this demand?

A: South Florida has the highest demand for fresh water because it has a greater population than the rest of Florida's water management districts.

### ***Wednesday:***

According to the poster, in what year did the State Board of Health declare the Peace River "...suffering severely from excessive organic and chemical pollution?" Where is the Peace River? How do you think the pollution impacted the life around this river?

A: The year was 1955. The Peace River runs through Arcadia, in the southern part of the Southwest Water Management District. Fish and plant life were dying, water was undrinkable, etc.

### ***Thursday:***

Find the region in which you live on the poster. Locate the pie chart that represents your region. Which category shows the highest use of water?

A: Answers will vary depending on your region.

### ***Friday:***

List three ways in which we can conserve our drinking water.

A: Answers will vary but here are some ideas:

Turn off water while brushing your teeth or washing your face.

Place a five pound brick in the tank of your toilet to disperse the water.

Use Xeriscaping to reduce the amount of water your lawns need.

### ***Alternative Questions:***

What is an ecosystem?

A: An ecosystem is any area where the Earth's living and non-living systems interact.

How do our activities affect the quality of our drinking water?

A: Chemicals we use to clean our cars or fertilize the land goes into our streams in the form of run off which later finds its way into our drinking water.

Alternative questions were taken from: Florida Geology Educational Video Project.