

Texas AgriLife Research and Extension Urban Water Programs Lesson Plan for “Water Jeopardy”

Objective/Purpose: The objective of this lesson is for students to be able to understand a variety of ways that water can be conserved as well as where their drinking water comes from.

Key Topic: Conservation and Water Resources

Grade Level: K-6

Duration: 30 – 45 minutes

Materials Needed:

- Game Board with three categories
- Questions that are appropriate for the age of participants
- Water to fill containers
- Containers for the game (Two each: cup, pint, 24oz container, quart)
- 2 Gallon Container for Team Buckets
- Food coloring so you can see the team bucket levels better

Preparation: Set up game board on table. Make sure there are questions for each category. Place the measuring containers on each side of the game board. Fill each of the containers with colored water so you will have them pre-filled and ready to play. Assign the “Drip” and “Drop” team names to the large 2 gallon pitchers. Decide how you are going to pick the team that gets to answer first (raise their hands, push a buzzer, throw a ping pong ball into a container, be creative!)

The Lesson: Introduce yourself and tell your audience that today’s lesson is about water conservation and water resources. The game is called Water Jeopardy and there are questions about water conservation and questions about where their water comes from. Each time a team answers a question correctly, they get that amount of water in their team bucket. The team with the most water wins! Be sure to tell them that when they are discussing their answer, not to let the other team hear what they say. If the selected team does not answer correctly the other team gets a chance to answer. You can choose students to help pour the water from the measuring containers into the team buckets if you want.

