



# **WATERSHED WONDERS**

## QUESTIONS TO PONDER

*Directions: Before watching Watershed Wonders, a Lewis Ginter Botanical Garden virtual field trip, ask yourself the following questions. It's okay if you don't know the answers. You can guess. You can ask a family member or a friend. You can even research the questions online if you wish. Jot down your best guesses, and be ready to discuss your answers.*

- 1. Are raindrops recycled?**
- 2. Where does the water that flows down the drain of your kitchen sink go?**
- 3. Where does the water that trickles down your driveway and into a storm drain go?**
- 4. What is a watershed?**
- 5. Do you know your watershed address?**
- 6. How do lakes, rivers, bays and oceans become polluted?**

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## **VOCABULARY**

*Directions: As you watch the video, listen for these vocabulary words.  
Try to jot down the meanings as you hear them explained in the video.*

**Condensation**

**Precipitation**

**Evaporation**

**Watershed**

# **WATERSHED MODEL CHALLENGE ACTIVITY**

*Directions: Watch the video and listen to the story, told with the homemade watershed model. Think about ways that you might create your own watershed model. The [Virginia Department of Environmental Quality](#) and [PBS Kids](#) offer ideas as well.*

- **What materials would you use to make your own watershed model?**
  
  
  
  
  
  
  
  
  
  
- **What would you use for your pretend pollutants? For example, green food coloring can represent pesticide. Cinnamon can represent excess sediment.**
  
  
  
  
  
  
  
  
  
  
- **What would your watershed story be about?**
  
  
  
  
  
  
  
  
  
  
- **Draw a picture of what your watershed model would look like. Use the back of this sheet if necessary.**

# **WATERSHED WONDERS**

## REFLECT AND PLAN

*Directions: Think about some ways that you can protect watersheds. Respond to the following questions. Be ready to discuss your answers.*

- 1. Describe how the water cycle works.**
  
- 2. Describe how water travels through a watershed.**
  
- 3. How do watersheds become polluted?**
  
- 4. How and why do the following actions help keep our watersheds healthy?**
  - **Planting a diversity of trees and plants**
  
  - **Using a rain barrel to capture rainwater**
  
  - **Starting a compost bin**
  
- 5. What can you do to keep protect your watershed and to conserve water? Use the back of this sheet if you need it.**