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Activities

Acid Rain

Name: _____ Date: _____

While pure water is neutral, rainwater is a bit on the acidic side. Pollution makes rainwater even more acidic. Acid rain is a problem for rivers, lakes, forests and their inhabitants. You'll find out more in this Planet Diary activity.

Directions

- Go to the Environmental Protection Agency's What Is Acid Rain? Read the paragraph, then answer Workspace question 1.
- Continue down the page to *What Is Acidity?* Click the link to the pH Scale. Read the paragraph below the scale, then complete the table for question 2.
- What Causes Acid Rain? Use the information to answer questions 3 and 4.
- Find out Why Acid Rain is Harmful. Complete the table for question 5.
- Watch this EPA acid rain animation for details on sources and effects of acid rain.
- Find out What Is Being Done to control acid rain. Learn What You Can Do by making eco-friendly choices.

Workspace

1. What carries acidic particles from one place to another? Where do they end up?

2.

Water Example	**pH**	**Acid, Base, or Neutral?**
Acid rain		
Acidic lake		
Clean rain		
Healthy lake		
Pure water		
Sea water		
Soapy water		

3. How does acid rain form?

4. Where do the chemicals that trigger acid rain come from?

5.

Acid Rain Effect On:	**How Is It Harmful?**
People	
Forests	
Lakes and Streams	
Buildings and Objects	

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