I pad Acid Rain Assignment Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

In the Google search bar type: [www.epa.gov/students/teachers.html](http://www.epa.gov/students/teachers.html)

**Scroll down until you see: Learning About Acid Rain: A teacher’s guide for grades 6 through 8**

**Use the given page numbers and find the answers to the following questions:**

Page 4 What happened in 1970?

Page 5 What happened in 2003?

Page 8 What year was the EPA established?

Page 9 Where does most energy in the US come from?

 How are fossil fuels formed?

 How does acid rain form?

 What can acid rain damage?

Page 10 48% of our energy comes from what?

 19.1% of our energy comes from what?

Page 11 On the pH scale, where does cola lie?

 On the pH scale, where does battery acid lie?

Page 12 What did science find was the major cause of air pollution?

From the diagram, what is it called when lake water turns into clouds?

 What is it called when the water comes back down as rain?

Page 14 From the diagram, what is the man maid source of pollution?

Page 15 What is an ecosystem?

 What is a habitat?

Page 16 What does it mean to neutralize?

Page 17 From the pH tolerance chart, which animals can only handle a pH of 5.5?

 pH of 4.0

Page 19 What does acid rain eat away at?

 What can it do to metal?

 What does acid rain do to marble statues?

 What monument in Washington DC was affected by acid rain?

Page 20 Who established the acid rain program and when?

Page 22 What does a monitoring station do?

Page 23 List the 5 alternative ways to produce energy.

 1.

 2.

 3.

 4.

 5.

Page 24 Briefly describe the 4 ways you can help prevent acid rain.

 1.

 2.

 3.

 4.