Air Quality/ Pollution WebQuest

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Go to:

<http://videos.howstuffworks.com/howstuffworks/3907-pollution-video.htm>

Watch the video: (1:40)

1.       What are the major types of pollution?

Go to:

<http://videos.howstuffworks.com/howstuffworks/352-what-is-a-trash-audit-video.htm>

Watch video:  What is a Trash Audit?

2.       What is a trash audit?

Go to: <http://science.howstuffworks.com/carbon-footprint.htm>

Read Article: How Carbon Footprints Work

Answer the following questions:

3.   What do carbon footprints measure?

4.   What do carbon labels attempt to tell consumers?

Go  to:        <http://videos.howstuffworks.com/oryxe-energy/772-how-diesel-fuel-additives-work-to-fight-air-pollution-video.htm>

Watch Video: How Diesel Fuel Additives Work to Fight Air Pollution

1.           How does the diesel fuel additive cut down on the NOX from the air?

2.           How cost effective is the additive?

Go to: <http://videos.howstuffworks.com/medialink/3651-indoor-pool-dangers-video.htm>

Watch Video: Indoor Pool Dangers

1.           Why would indoor pools cause health problems?

2.           In what simple ways could these problems be prevented?

Go to:

<http://videos.howstuffworks.com/sciencentral/4076-how-pollution-effects-poor-countries-video.htm>

**Watch video: How Pollution Effects Poor Countries**

1.           Why do you think poor nations will feel the impact of global environmental changes more than wealthier nations?

Go to: <http://science.howstuffworks.com/ozone-pollution.htm>

Read Article: Answer questions

1.   What is ozone?  What is the chemical formula for ozone?

2.   In which levels of the atmosphere can ozone be found?

3.   What is the purpose of ozone in the atmosphere?

4.   How is ozone affected by automobile emissions?

Click on 2. **Avoiding and Reducing Ozone**

**1.**           **How does ozone affect your lungs and respiratory system?**

**2.**           **How does ozone affect plants?**

**3.**           **What is the Air Quality Index?**

**4.**           **How can we reduce ozone pollution?**