**Environmental Issues WebQuest**

***Complete the following WebQuest using the links below. You will then answer the essential question at the end*.**

**Climate Change**

**https://climate.nasa.gov/**

1. What is climate change?
2. What are the major types of physical evidence for climate change?

**Global Warming**

[**http://www.livescience.com/37003-global-warming.html**](http://www.livescience.com/37003-global-warming.html)

1. What is global warming?
2. What is the greenhouse effect?

<http://environment.nationalgeographic.com/environment/global-warming/gw-effects/>

1. Explain the environmental impacts potentially faced from global warming later this century.

**Human Population Growth**

http://desip.igc.org/mapanim.html

Watch the animation then answer the following questions:

1. What is the trend of human population growth?

http://www.learner.org/courses/envsci/unit/text.php?unit=5&secNum=5

1. What are the two major forms of impact on the environment?
2. What are some countries doing to try to reduce the rate of population growth?

**Ozone Depletion**

**http://envis.tropmet.res.in/kidscorner/ozone.htm**

1. Why is the ozone layer important to life on Earth?
2. What causes ozone depletion?
3. How does ozone depletion impact human health?

[**http://www.smogcity.com/**](http://www.smogcity.com/)

1. Which factors increase unhealthy air conditions?

**Deforestation**

**http://kids.mongabay.com/lesson\_plans/lisa\_algee/deforestation.html**

1. What is deforestation?
2. List the causes of deforestation.
3. What are the environmental consequences associated with deforestation?
4. What are the social impacts of deforestation?
5. List 3 ways you can help reduce deforestation.

**Oil Spills**

<http://response.restoration.noaa.gov/training-and-education/education-students-and-teachers/how-do-spills-happen.html>

1. In what ways can oil spills happen?
2. When was the Exxon Valdez oil spill?
3. What was the environmental impact of the Exxon Valdez spill?

Essential Question: What are some environmental issues that we face today and what are three realistic solutions that you would propose to solve them? Explain what issues people would have with each of the solutions you came up with.