**A Climate of Change**

1**. Introduction** – Lecture with PowerPoint presentation – Film “Inconvenient truth”

 Assignment – List and define vocabulary words

 Quiz – “Inconvenient Truth”

2. **Evidence** – Demonstrate Google Earth and have students practice operating it.

 Present NOAA and other data rich sites.

 Assignment – Create a tour using Google Earth showing the signs of Climate Change.

 Write a 2–3 page paper evaluating data on climate change.

3. **Solutions** – Lecture and PowerPoint presentation on renewable energy.

 Introduction to the K'NEX Education Renewable Energy Set.

 Assignment – Lab - Construct and power a small electrical device using the set.

4. **Conclusion** – Debrief students on what they learned in a classroom discussion.

 Assignment – 1-2 page paper on what students learned.

 Test – Student will be tested on their understanding of Climate Change.