Name:

Teacher’s Name:

Subject:

Date:

**Lesson 7 Outline- Climate Science**

1.) What does climate science involve?

2.) What is the main key indicator of climate change?

3.) Compare the two graphs on slide #103, what do you notice?

4.) Were CO2 concentrations higher in the year 1925 or 2000?

5.) How did scientists collect temperature and carbon dioxide data back when technology wasn't around?

6.) Describe what ice cores are.

7.) What do scientists examine in the air bubbles of an ice core?

8.) Watch the video link on slide #107, what is Dr. Nerilie Abram’s job title?

9.) Ice cores are not the only data scientists collect and analyze. What other data do scientists use when studying climate? Name **all** of the ones listed in your notes.

10.) What do scientists do with the data they collect?

11.) What would you conclude from the graph on slide #112?

12.) What must be done before a scientist can publish their findings?

13.) What is peer review?

14.) Why is peer review an important step to follow?

15.) What do you think is meant by "good science"?

\*\*Don’t forget to answer the classwork questions on your slides\*\*