|  |
| --- |
| **Unit 3→The Carbon Cycle, Weather, and Climate** |
| **Graduation Standard** | **#7 Obtaining, evaluating, and communicating scientific information** |
| **GS#7 Skills** | **Students will interpret information obtained through diverse media, assess scientific validity, and effectively express their findings.** |
| **Indicator** | **1** | **2** | **3** | **4** |
| **GS7-A.** Critically read scientific texts adapted for classroom use to determine the central ideas or conclusions, and paraphrase them in simpler, but still accurate, terms.  | I can read appropriate scientific texts and identify the central idea(s) | I can read scientific texts adapted for classroom use to determine the central ideas, and to obtain scientific information to use as evidence that describes the natural and designed world(s).  | I can critically read scientific texts adapted for classroom use to determine the central ideas or conclusions, and paraphrase them in simpler, but still accurate, terms.  | I can critically read peer-reviewed, scientific journals to determine the central ideas or conclusions and/or to obtain scientific and/or technical information to summarize complex evidence, concepts, processes, or information presented in a text by paraphrasing them in simpler but still accurate terms.  |

For this assessment, you will be reading a short summary of predicted consequences and impacts of climate change. Please read the passage a few times, and please ask Dr. Offit or Mr. Lanik for assistance if you are confused about what you read. The questions below should be answered based on what you read.

1. Which specific topic did you read about (Economy, Health, Agriculture, or Tourism/Recreation)?

2. In one sentence, identify the gist of your reading.

3. Vocabulary. In the column on the left, write down words that you are not familiar with. On the right side, define the word (after looking it up)

|  |  |
| --- | --- |
| **Word** | **Definition** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

4. In your own words, state three (3) different specific, predicted impacts of climate change that were discussed in your reading.

a)

b)

c)

5. In 2 sentences, and in your own words, summarize the paragraph that you read. In the first sentence, state the central conclusion that is the focus of the paragraph. In the next sentence, identify and list the 3-4 most important, and most likely, predictions about how climate change will affect the topic of your paragraph.