**Reading and Writing Like a Scientist**

Scientific Article Review and Marking the Text

**Pre-Read**

1. Number the paragraphs (every time there is an indentation)
   1. Write the number close to the indentation and circle it. Make sure it’s small enough that you can still make notes in the margins.

**Read #1**

1. Read without marking any text.

**Read #2**

1. Box Out
   1. Draw a box around any key term
   2. Examples of key terms:
      * Name
      * Date
      * Institution
      * Repeated
      * Defined by author
      * Used to explain or represent an idea
      * Used in a unique way
      * A central idea or concept
      * Relevant to one’s reading purpose
2. Underline Author’s Claims
   1. A claim is an arguable statement made by the author.
      1. They can appear anywhere in the text, there may be multiple and may have to be inferred.
3. Underline Relevant Information
   1. Examples of relevant information:
      * Processes
      * Evidence
      * Definitions
      * Explanations
      * Descriptions
      * Data/statistics

**Read #3**

1. Write each of the author’s claims in the margins of the text where it was underlined.

**Write Your Review**

1. Who is the author?
2. What scientific expertise does the author have?
3. Can this source be trusted?
4. What claims or ideas in the information must be fact-checked?
5. Is this a primary document or has it been recycled from others?
6. What areas of scientific research form the backdrop of this text?
7. What scientific questions are raised by this text?
8. What scientific dilemma is related to the text?
9. What scientific question or dilemma should be explored further?
10. How could this question be researched further?