Unit Plan – Scientific Principles and Procedures

**Grade:** High School

**Unit/Lesson**: The Scientific Steps

**Content Area:** *CTE/Employability Frameworks*

*1.1 Applied Academic Skills*

*Applied academic skills are evident daily in homework assignments, classwork, and Q&A exchanges during lessons.*

**Benchmark:**

**1.1.4 Scientific principles/procedures**

Students follow procedures, experiment, infer, hypothesize (even as simple as “what if we do it this way”), and construct processes to complete a task (can occur outside of math/science classes).

**Description of Unit:**

In this lesson the student will be introduced to the steps of the scientific method.

**Learning Intentions:**

* Understand the scientific process
* Report findings from a scenario in my life using the scientific process

# Lesson

## Steps in the Scientific Method

I can understand the scientific process

I can report findings from a scenario in my life using the scientific process.

[Method to the Madness](https://docs.google.com/presentation/d/e/2PACX-1vRnYI2U3JaJ5n3vyaZS5KwaS140z4UXgjWfMVBT2TW50v8XTSUBOOMXYHFOeX1Nhq1aVAcEkLhw_jKZ/pub?start=false&loop=false&delayms=3000): Intro to the scientific process and application

# Supplemental Resources

Scientific Method

I can understand the steps in the scientific method

[Khan Academy: Biology and Scientific Process (video)](https://www.khanacademy.org/science/high-school-biology/hs-biology-foundations/hs-biology-and-the-scientific-method/v/the-scientific-method)

[Khan Academy: Biology and Scientific Process (reading)](https://www.khanacademy.org/science/high-school-biology/hs-biology-foundations/hs-biology-and-the-scientific-method/a/the-science-of-biology) This is an article that clarifies the steps of the scientific method.