

Notes Outline

<p>Topic: Scientific Method</p>	<p>Name _____ Date _____ Period _____</p>
<p>Learning Goal: Explain how to design and conduct an experiment including posing a question and developing a hypothesis to make a scientific explanation.</p>	
<p>Vocabulary: scientific inquiry hypothesis independent variable dependent variable controlled experiment bias repeated trial replication scientific explanation</p> <p>Questions: 1. Explain the steps of the Scientific Method.</p> <p>2. Match each activity with the correct step in the Scientific Method.</p> <p>A. State the problem B. Gather information C. Form a hypothesis D. Perform an experiment E. Analyze data F. Draw a conclusion</p>	<div style="text-align: center;"> </div> <p>..... You research your topic on the internet Feed 3 plants Gatorade and 3 plants water for 6 weeks Plants fed with Gatorade grew on average 2 inches taller I think water will help a plant grow taller Will Gatorade help a plant grow taller than water? Use the data on plant height you collected to create a graph</p>

Summary: In a sentence (or 2) write what's important to understand about designing an experiment. OR Create a problem and describe how the Scientific Method can be used to help solve it. (Answer in complete sentences 20-30 words - should include vocabulary, main ideas and should show you understand the learning goals.)