

# BIOLOGY BASICS UNIT 1- LESSON PLANS

<b>Topic</b>	Biology Basics
<b>Lesson Title</b>	Nature of Science and the Scientific Method
<b>Lesson Number</b>	1 -3
<b>Learning objectives:</b>	<ul style="list-style-type: none"><li>• Identify the branches of science and their subsequent disciplines.</li><li>• Explain the features of the nature of science</li><li>• Outline the steps of the scientific method</li></ul>
<b>“I can” statement:</b>	<ul style="list-style-type: none"><li>• I can identify the branches of science and explain the nature of science and give the steps of the scientific method.</li></ul>
<b>Prior Knowledge:</b> <ul style="list-style-type: none"><li>• Safety in science</li></ul>	
<b>Vocabulary:</b> Biological Science, Empirical Evidence, Evaluation, Experiment, Formal Science, Hypothesis, Inference, Interpretation, Nature of Science, Observation, Physical Science, Qualitative, Quantitative, Questioning, Scientific Method, Social Science, Subjective	
<b>Summary of Activities:</b> <ol style="list-style-type: none"><li>1. Distribute and complete bell ringer activity.</li><li>2. Discuss guided notes and slideshow, with students.</li><li>3. Vocabulary worksheet,</li><li>4. Exit quiz</li></ol>	
<b>Additional Resources:</b> <ul style="list-style-type: none"><li>• See online activities</li></ul>	
<b>Homework:</b> Homework task	
<b>Assessment:</b> <ul style="list-style-type: none"><li>• Bell work</li><li>• Assignment</li><li>• Exit quiz</li><li>• End of unit review</li></ul>	