

Unit 1: Scientific Method

Lesson Plan

Disciplinary Core Areas	Scientific Method
NGSS:	
Lesson Title	Basic and Integrated Science Process Skills
Lesson Number	1-1
Learning objectives:	<ul style="list-style-type: none">• Identify the basic and integrated science process skills.• Explain how science process skills are used in everyday life.• Explain each of the science process skills.• Apply the understanding of science process skills by identifying them through examples.
"I can" statements:	<ul style="list-style-type: none">• I can explain each of the science process skills.• I can identify examples of the science process skills.
Prior Knowledge: Five senses, graphs, procedures, measuring	
Vocabulary: basic science processes, observations, qualitative data, measuring, quantitative data, inferring, classifying, predicting, communicating, integrated process skills, controlling variables, independent variables, dependent variables, constants, formulating hypotheses, defining operationally, experimenting, formulating models, interpreting data	
Summary of Activities: <ol style="list-style-type: none">1. Distribute and complete bell ringer activity.2. Discuss guided notes and slideshow, with students.3. Distribute exit quiz.	
Additional Resources: <ul style="list-style-type: none">• See online activities	
Homework: <ul style="list-style-type: none">• Homework assignment	
Assessment: <ul style="list-style-type: none">• Bell work• Assignment• Exit quiz• End of unit review	