

Unit 1: Lab Skills

Lesson Plan

Disciplinary Core Areas	
NGSS:	
Lesson Title	Planning an Investigation
Lesson Number	1-6
Learning objectives:	<ul style="list-style-type: none">• Describe scientific method• Identify the steps in planning an investigation• Formulate a hypothesis• Differentiate the three types of variables• Identify the three types of variables
"I can" statements:	<ul style="list-style-type: none">• I can describe scientific method.• I can identify the steps in planning an investigation.• I can formulate a hypothesis.• I can differentiate the three types of variables.• I can identify the three types of variables.
Prior Knowledge:	Science Process Skills, Laboratory Equipment, Laboratory Safety, Laboratory Procedures, Measuring
Vocabulary:	Controlled Group, Controlled Variable, Dependent Variable, Experimenting, Experimental Group, Experimental Trials, Hypothesis, Independent Variable, Scientific Method, Variable
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. Do laboratory activity.4. Exit quiz
Additional Resource:	<ul style="list-style-type: none">• Online Activities• Laboratory Activity
Homework:	<ul style="list-style-type: none">• Assignment
Assessment:	<ul style="list-style-type: none">• Bell work• Assignment• Exit quiz• End of unit review