Unit 1: Lab Skills

Lesson Plan

Disciplinary Core Areas	
NGSS:	
Lesson Title	Designing an Experiment
Lesson Number	1-3
Learning objectives:	• 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:	• 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 Variable, Dependent Variable, Experimenting, Experimental Trials, Independent Variable, Variable	
Summary of Activities: 1. Distribute and complete bell ringer activity. 2. Discuss guided notes and slideshow, with students. 3. Do laboratory activity. 4. Exit quiz	
Additional Resource: • Online Activities • Laboratory Activity	
Homework: • Assignment	
Assessment: • Bell work • Assignment • Exit quiz • End of unit review	

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