

# Unit 1: Lab Skills

## Lesson Plan

<b>Disciplinary Core Areas</b>	
<b>NGSS:</b>	
<b>Lesson Title</b>	Writing Up an Investigation
<b>Lesson Number</b>	1-7
<b>Learning objectives:</b>	<ul style="list-style-type: none"><li>• Describe a laboratory report</li><li>• Appropriately process data obtained from an investigation</li><li>• Interpret data and draw a valid conclusion</li><li>• Evaluate an investigation describing its limitation, challenges faced, and improvement needed.</li></ul>
<b>"I can" statement:</b>	I can process and interpret data from an investigation to reach a valid conclusion and evaluate its limitations, challenged faces, and improvements needed.
<b>Prior Knowledge:</b>	Science Process Skills, Laboratory Equipment, Laboratory Safety, Laboratory Procedures, Measuring, Planning an Investigation
<b>Vocabulary:</b>	Average, Conclusion, Data, Evaluation, Interpretation, Outlier
<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. Do laboratory activity.</li><li>4. Exit quiz</li></ol>
<b>Additional Resources:</b>	<ul style="list-style-type: none"><li>• Online Activities</li><li>• Laboratory Activity</li></ul>
<b>Homework:</b>	<ul style="list-style-type: none"><li>• Assignment</li></ul>
<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>