

# How Is an Experiment Like Baking Cookies?

**Goal** • Compare a step-by-step process for baking to the process for conducting an investigation.

## What to Do

Baking cookies is a process that requires careful performance of each step, in the proper order, to get effective results. A description of the baking process appears below.

- Under the Science Experiment Process, list the procedures that are similar to the baking process.
- Below each line, briefly list the procedures for that step in the experiment process.

Cookie Baking Process	Science Experiment Process
<p><b>Planning</b></p> <ul style="list-style-type: none"> <li>• Decide kind to make and find recipe.</li> <li>• Plan and set aside time needed.</li> </ul>	
<p><b>Preparing</b></p> <ul style="list-style-type: none"> <li>• Get ingredients together.</li> <li>• Ensure ingredients are at room temperature.</li> <li>• Prepare bowls, measuring spoons, mixer.</li> <li>• Pre-heat oven.</li> <li>• Grease cookie sheets.</li> </ul>	
<p><b>Mixing</b></p> <ul style="list-style-type: none"> <li>• Measure each ingredient precisely.</li> <li>• Follow safety precautions.</li> <li>• Combine ingredients as directed in recipe.</li> </ul>	
<p><b>Changing Recipe</b></p> <ul style="list-style-type: none"> <li>• Add 125 mL chocolate chips.</li> <li>• Make note of change.</li> </ul>	
<p><b>Watching</b></p> <ul style="list-style-type: none"> <li>• Drop spoonfuls of batter onto greased sheet.</li> <li>• Place cookies on sheets in oven.</li> <li>• Watch cookies to ensure they bake evenly.</li> </ul>	
<p><b>Results</b></p> <ul style="list-style-type: none"> <li>• Remove cookies and place on racks to cool.</li> <li>• When cool, test results by tasting cookies.</li> <li>• If taste okay, store in a dry place.</li> </ul>	

