

Observing Chemical Change — Results Grid

Record and classify each change

This is an **assessed task**. Watch each change carefully and record careful, scientific observations. The test for irreversible is always: *has a new substance been made?*

A strong observation is specific. Not "it melted", but: "the solid yellow butter slowly turned into a clear yellow liquid when heated."

All heating is done by your teacher. Observe from your seat and never touch the heat source.

For each change your teacher demonstrates, complete one row. Write a **detailed observation**, classify it, say whether a **new substance** formed and how you know, and note one **safety risk**.

Change	Observation	Reversible / irreversible	New substance? How I know	Safety risk
Melting butter				
Toasting bread				
Popping popcorn				
Ice melt then refreeze				
Burning paper				