**Effects of Environmental Changes on a Yeast Population**

**OBJECTIVE:**

Observe effects of environmental changes on a yeast population by observing changes in the amount of gas in the environment.

**TERMS TO GO OVER:**

Ecosystem

Respiration

**PRE-LAB DEMONSTRATION MATERIALS:**

* [Materials, if pre-lab is necessary]

**PRE-LAB DEMONSTRATION PROCEDURE:**

1. [Steps required for Pre-Lab Demonstration, if applicable]

**WHAT IS HAPPENING?**

[Explanation of ‘How it Works,’ if applicable]

**LAB MATERIALS:**

* Test tubes
* Cork with hole for tube
* Packages of yeast
* Sugar
* Room temperature water
* Freezing water
* Boiling water
* Bin
* Graduated Cylinder
* Tubing

**GROUP LEADER/VOLUNTEER/TLC ROLE**

Help students be safe around glass and boiling water.

**SETUP PROCEDURE**

1. [Set-Up Procedure]

**LAB PROCEDURE**

[Lab Procedure]

**WHAT IS HAPPENING?**

[Explanation – why it works]