

# What Makes Mold Grow?

We will be doing an experiment over the next two weeks to determine what factors make mold grow. You will be using parts of the scientific method to do this experiment.

## You will need:

- 1 piece of bread
- 2 plastic baggies
- a marker
- 10 mL of water
- 3 pieces of masking tape



## Procedures:

Step 1: Using masking tape, label each of your baggies with your group name. On one baggie write sunlight. On the other baggie write darkness.

Step 2: Cut your slice of bread in half. Place one half of bread in on baggie and the other half in the other baggie.

Step 3: Obtain 10 mL of water. Pour 5 mL of water on one slice of bread and 5 mL of water on the other slice of bread.

Step 4: Seal your baggies. Place the baggie labeled darkness in the cupboard and tape the sunlight baggie to the window.

Now make an educated guess (a hypothesis) about what will happen. Consider time, number, color, and conditions.

**I hypothesize...**

You will also be keeping track of the data that you collect. Each day you make observations you will record them in the chart below. Include anything you see.

Day #	Sunlight Observations	Darkness Observations

Based on the data you collected you can now make a conclusion about your experiment.

**I conclude...**