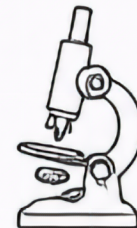




OBSERVING THE GROWTH PATTERNS OF DIFFERENT TYPES OF MOLD



Name: _____ Date Started: _____ Date Finished: _____

OBJECTIVE

To observe and compare the growth patterns, colors, textures, and shapes of different types of mold.

BACKGROUND

Mold is a type of fungus that grows in many environments. Mold spores are all around us—in the air, on surfaces, and on food. Different types of mold can look different and grow at different rates. In this experiment, we will observe how mold grows over time and compare the patterns it makes.

HYPOTHESIS

What do you think you will observe?



MATERIALS

- 3–4 slices of bread (plain white or whole wheat)
- Clear zip-top plastic bags or clear containers
- Masking tape or labels
- Magnifying glass (optional)
- Notebook or printed lab sheet
- Camera or phone (optional)
- Hand soap and water



PROCEDURE

1. Place each slice of bread in a separate clear bag or container.
2. Label each bag/container (A, B, C, D).
3. Seal the bags or close the containers.
4. Store them in a warm indoor place away from direct sunlight.
5. Observe the bread every day for 7–10 days.
6. Record your observations and take pictures if you can.
7. Compare the growth patterns of the mold on each slice.

OBSERVATIONS

Record your observations each day. Use a magnifying glass if available.

Day	Sample (A / B / C / D)	Mold Color(s)	Texture (fuzzy, slimy, powdery, etc.)	Growth Pattern / Shape (spots, circles, rings, patches, etc.)	Size (small / medium / large)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

ANALYSIS & CONCLUSION

What did you observe?

Which sample grew the most mold? _____

Did any samples look the same or different? Why do you think that happened?

What did you learn from this experiment?

SAFETY REMINDERS

- Do not open the bags or containers.
- Do not touch the mold.
- Wash your hands with soap and water after handling the experiment.
- Dispose of the moldy bread by sealing it in a bag and throwing it away.



TIP: Keep your observations consistent by checking at the same time each day.