

The Mystery of the Hidden Mold

Interactive House Investigation Notes

Name: _____ Date: _____ Class: _____

Directions: As you explore the interactive PowerPoint, complete the tables below. For each clickable location, identify the environmental factors that support mold growth and explain the biological reason mold could grow there.

Bathroom

Location Investigated	Environmental Factors (✓ all that apply)	Biological Explanation
	☐ Moisture ☐ Warm Temperature ☐ Organic Food Source ☐ High Humidity ☐ Poor Ventilation ☐ Water Leak ☐ Time	
	☐ Moisture ☐ Warm Temperature ☐ Organic Food Source ☐ High Humidity ☐ Poor Ventilation ☐ Water Leak ☐ Time	

Kitchen

Location Investigated	Environmental Factors (✓ all that apply)	Biological Explanation
	☐ Moisture ☐ Warm Temperature ☐ Organic Food Source ☐ High Humidity ☐ Poor Ventilation ☐ Water Leak ☐ Time	
	☐ Moisture ☐ Warm Temperature ☐ Organic Food Source	

	☐ High Humidity ☐ Poor Ventilation ☐ Water Leak ☐ Time	
--	---	--

Basement

Location Investigated	Environmental Factors (✓ all that apply)	Biological Explanation
	☐ Moisture ☐ Warm Temperature ☐ Organic Food Source ☐ High Humidity ☐ Poor Ventilation ☐ Water Leak ☐ Time	
	☐ Moisture ☐ Warm Temperature ☐ Organic Food Source ☐ High Humidity ☐ Poor Ventilation ☐ Water Leak ☐ Time	

Attic

Location Investigated	Environmental Factors (✓ all that apply)	Biological Explanation
	☐ Moisture ☐ Warm Temperature ☐ Organic Food Source ☐ High Humidity ☐ Poor Ventilation ☐ Water Leak ☐ Time	
	☐ Moisture ☐ Warm Temperature ☐ Organic Food Source ☐ High Humidity ☐ Poor Ventilation ☐ Water Leak ☐ Time	

Investigation Summary

Which room appeared to have the greatest potential for mold growth? Explain.

Which environmental factor appeared most often throughout the house?

What biological characteristics of fungi allow mold to thrive in these environments?

List three ways a homeowner could reduce mold growth.
