

# Peppered Moth Game



**Objective:** Simulate changes in moth population due to pollution and predation, and observe how species can change over time.

Go to: <https://askabiologist.asu.edu/peppered-moths-game/play.html> and read each section before you play the game, answer the questions as you go.

## Peppered Moth

1. Where do peppered moths live? \_\_\_\_\_
2. How do the moth larvae survive predators? \_\_\_\_\_
3. What do the moths do during the winter? \_\_\_\_\_
4. What color is the "typical" version of the moths? \_\_\_\_\_  
What color is the "carbonaria" version? \_\_\_\_\_
5. How do adult moths survive predation? \_\_\_\_\_



## Natural Selection

6. What was the industrial revolution? \_\_\_\_\_
7. What was causing the change in the color of the moths? \_\_\_\_\_
8. What is natural selection? \_\_\_\_\_
9. Why would dark moths have an advantage? \_\_\_\_\_

## Dr. Kettlewell

10. What is an entomologist? \_\_\_\_\_
11. How do scientists test theories? \_\_\_\_\_
12. Dr. Kettlewell predicted that clean forests would have \_\_\_\_\_ colored moths,  
and polluted forests would have \_\_\_\_\_ colored moths.
13. How did Kettlewell test his hypothesis? \_\_\_\_\_
14. How did Kettlewell determine if moths lived longer than others? \_\_\_\_\_



# Peppered Moth Simulation Worksheet Answer Key

**A Gutmann**





## **Peppered Moth Simulation Worksheet Answer Key:**



The book delves into Peppered Moth Simulation Worksheet Answer Key. Peppered Moth Simulation Worksheet Answer Key is a vital topic that needs to be grasped by everyone, ranging from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Peppered Moth Simulation Worksheet Answer Key, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:
    - Chapter 1: Introduction to Peppered Moth Simulation Worksheet Answer Key
    - Chapter 2: Essential Elements of Peppered Moth Simulation Worksheet Answer Key
    - Chapter 3: Peppered Moth Simulation Worksheet Answer Key in Everyday Life
    - Chapter 4: Peppered Moth Simulation Worksheet Answer Key in Specific Contexts
    - Chapter 5: Conclusion
  2. In chapter 1, this book will provide an overview of Peppered Moth Simulation Worksheet Answer Key. This chapter will explore what Peppered Moth Simulation Worksheet Answer Key is, why Peppered Moth Simulation Worksheet Answer Key is vital, and how to effectively learn about Peppered Moth Simulation Worksheet Answer Key.
  3. In chapter 2, this book will delve into the foundational concepts of Peppered Moth Simulation Worksheet Answer Key. The second chapter will elucidate the essential principles that must be understood to grasp Peppered Moth Simulation Worksheet Answer Key in its entirety.
  4. In chapter 3, this book will examine the practical applications of Peppered Moth Simulation Worksheet Answer Key in daily life. This chapter will showcase real-world examples of how Peppered Moth Simulation Worksheet Answer Key can be effectively utilized in everyday scenarios.
  5. In chapter 4, this book will scrutinize the relevance of Peppered Moth Simulation Worksheet Answer Key in specific contexts. The fourth chapter will explore how Peppered Moth Simulation Worksheet Answer Key is applied in specialized fields, such as education, business, and technology.
  6. In chapter 5, the author will draw a conclusion about Peppered Moth Simulation Worksheet Answer Key. The final chapter will summarize the key points that have been discussed throughout the book.
- This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Peppered Moth Simulation Worksheet Answer Key.

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