



Name _____ Period _____

Date _____



Peppered Moths

Peppered Moth

1. Where do peppered moths live? _____
2. What color are "typica" moths? _____ What color are "carbonaria" moths? _____
3. How do adult moths survive predation? _____

Natural Selection

4. What was the industrial revolution? _____
5. What was causing the change in the color of the moths? _____
6. What is natural selection? _____
7. Why would dark moths have an advantage? _____

Dr. Kettlewell

8. Dr. Kettlewell predicted that clean forests would have _____ colored moths, and polluted forests would have _____ colored moths.
9. How did Kettlewell test his hypothesis? _____
10. Kettlewell concluded that in a dark forest, the dark peppered moths have a _____ over light moths.

Play the Game

11. Complete the data table for the light forest and the dark forest.

	% Light Moths	% Dark Moths
Light Forest		
Dark Forest		

Analysis

12. How are the percentages of dark and light moths different in the two different forest environments?

13. How does color of the moths increase or decrease their chances of survival in different environments?

14. If pollution near factories was reduced, what would happen to the color of the moths and why?

