



Name _____

Period _____

Date _____

SECTION | BIOTIC AND ABIOTIC FACTORS
13.2 | Study Guide

KEY CONCEPT

Every ecosystem includes both living and nonliving factors.

VOCABULARY

biotic	biodiversity
abiotic	keystone species

MAIN IDEA: An ecosystem includes both biotic and abiotic factors.

Use a word from the box below to complete the following sentences.

abiotic	animals	biotic
living	moisture	nonliving
plants	temperature	wind

- All ecosystems are made up of _____ and _____ components.
- _____ factors are living things, such as _____ or _____.
- _____ factors are nonliving things, such as _____, _____, or _____.

MAIN IDEA: Changing one factor in an ecosystem can affect many other factors.

- Describe what biodiversity means in your own words.

- What is the term for an organism that has an unusually large effect on its ecosystem?

- List a few reasons why a beaver is an example of a keystone species.

Section 13.2 STUDY GUIDE CONTINUED

Vocabulary Check

7. What is the difference between a biotic and an abiotic factor?

8. Take another look at the Visual Vocab on page 403. In architecture, a keystone is the stone at the center of an arch that holds the arch together. How does this definition relate to a keystone species?

Be Creative

In the box below, sketch a simple ecosystem and label the abiotic and biotic factors.

