

## Chapter 13

Text Pages 356–363

## STUDY GUIDE

## ● Evolution and Geologic Time

Use the words in the box to fill in the blanks in the statements.

adapted

continents

environment

extinct

epochs

eras

fossils

plate tectonics

geologic time scale

natural selection

organic evolution

periods

species

- The division of Earth's history into units makes up the \_\_\_\_\_.
- Major divisions of Earth's history are \_\_\_\_\_.
- Each major division may be divided into \_\_\_\_\_.
- The Cenozoic Era is divided into \_\_\_\_\_.
- Clues to which organisms lived in different eras are found in \_\_\_\_\_.
- A gradual change in life-forms over time is \_\_\_\_\_.
- Each change in Earth created different surroundings for organisms, these surroundings are called their \_\_\_\_\_.
- A group of organisms that normally reproduce only among themselves is a \_\_\_\_\_.
- After major changes in Earth's environments, species either died out or \_\_\_\_\_.
- Species that could not adapt to changes eventually became \_\_\_\_\_.
- Organisms with traits that are suited to an environment survive by the process of \_\_\_\_\_.
- At different times in Earth's history, plate tectonics caused collision and separation of \_\_\_\_\_.
- Many species adapted or became extinct because \_\_\_\_\_ caused their environments to change when the continents collided or separated.