



# Science

## 3-4

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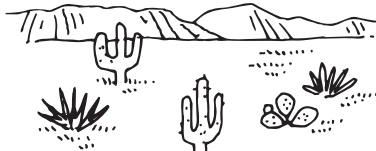
# What Is a Biome?

## BIOMES AND ECOSYSTEMS

The word **biome** describes a large land area with a particular climate and vegetation. Each biome can be identified by its temperature and the amount of rainfall it receives. Desert biomes are hot and very dry. Grassland or prairie biomes are mild and dry. Hardwood and evergreen forests are cool and moist. Tropical rain forests are described as hot and very wet. The arctic tundra is very cold and dry.



Tundra



Desert



Grassland



Forest



Tropical Rain Forest

Use the words in the box to complete the sentences. You can use a word more than once.

desert	grassland	forest	tundra	rain forest
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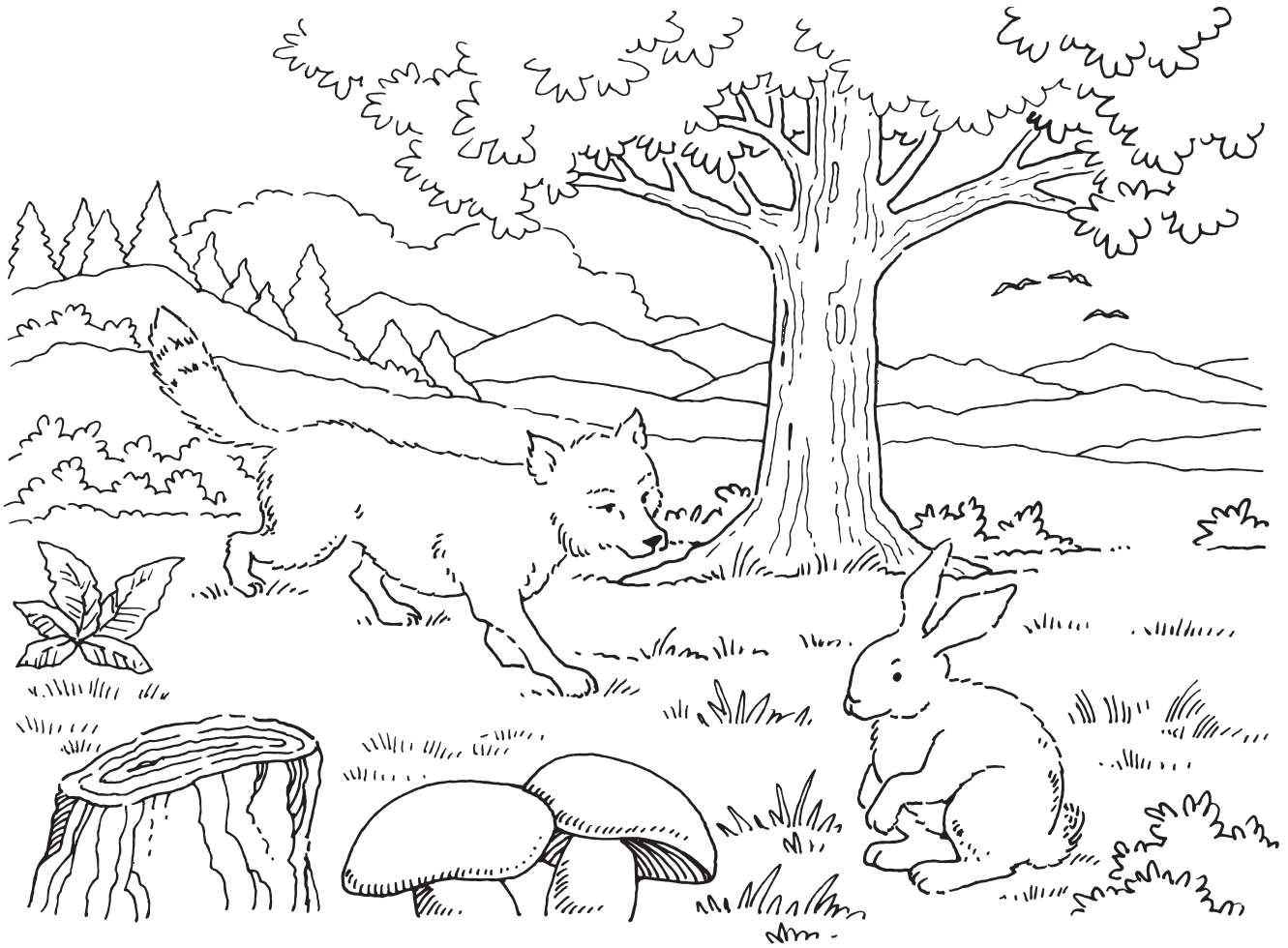
- 1 Snow covers the frozen ground in the \_\_\_\_\_ for most of the year.
- 2 You would find cows, sheep, and horses living in a \_\_\_\_\_.
- 3 A jungle is also called a tropical \_\_\_\_\_.
- 4 Cactus plants would live in a \_\_\_\_\_.
- 5 A \_\_\_\_\_ is a biome that has lots of trees growing in it.
- 6 The climate in a \_\_\_\_\_ is mild and dry.
- 7 A \_\_\_\_\_ is the biome that gets the most rain.
- 8 A \_\_\_\_\_ biome is hot and has very little rain most of the year.

# What Is a Food Chain?

## BIOMES AND ECOSYSTEMS

Green plants use the sun, air, and water to make food. Animals called **herbivores** eat the plants. Some animals eat other animals. They are called **carnivores**. Other animals, called **omnivores**, eat plants and animals. When plants and animals die, small organisms called **decomposers** cause their remains to decay. This process of who is eating whom is called a **food chain**.

Look at the picture. Follow the directions to mark the picture and answer the questions.



- 1 Color the food makers (producers) green.
- 2 Circle the herbivore.
- 3 Draw an X on the carnivore.
- 4 Where are most decomposers found? Circle one:    air    water    soil

# Food Chain Crossword Puzzle

## BIOMES AND ECOSYSTEMS

Complete the crossword puzzle. Use the words from the box for help.

decomposer	carnivore	environment	consumer	omnivore	prey
producer	herbivore	air	sun	earth	

**Across**

- 1. A green plant that makes the food
- 4. What all animals need to breathe
- 8. The planet we live on
- 9. An animal that eats plants and meat
- 10. An animal that eats plants

**Down**

- 1. An animal that is hunted for food
- 2. Second step in a food chain; the role of animals
- 3. Source of energy for the food chain
- 5. All of our surroundings
- 6. An animal that eats other animals
- 7. Part of the food chain that causes dead plants and animals to decay