

Ecology

eEdition

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1 Ecosystems and Biomes 6

the BIG idea

Matter and energy together support life within an environment.

1.1 Ecosystems support life.	9
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1.2 Matter cycles through ecosystems.	16
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1.3 Energy flows through ecosystems.	22
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1.4 Biomes contain many ecosystems.	30

How many living and nonliving things can you identify in this photograph? page 6

2 Interactions Within Ecosystems 42

the BIG idea

Living things within an ecosystem interact with each other and the environment.

- 2.1** Groups of living things interact within ecosystems. 45
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- 2.2** Organisms can interact in different ways. 54
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3 Human Impact on Ecosystems 78

the BIG idea

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- 3.3** People are working to protect ecosystems. 98
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Internet Resources @ ClassZone.com

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INVESTIGATIONS AND ACTIVITIES

EXPLORE THE BIG IDEA

Chapter Opening Inquiries

1. How Do Plants React to Sunlight? What Is Soil?
Internet Activity: A Prairie Ecosystem 7
2. How Do Living Things Interact Where You Live? How Many Roles Can a Living Thing Have in an Ecosystem?
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3. How Many is Six Billion? How Easily Does Polluted Water Move Through Plants? Internet Activity: The Environment 79

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EXPLORE

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