



# Changes in Communities

Chapter 1, section 4

# BW spiral page 75, date

- Is soil a biotic or an abiotic factor? Explain. (Restate the question in your answer.)

# Background Knowledge, spiral page 75 below your bell work- restate the question in your answer)

- Have you ever observed a vacant (empty) lot or an untended garden over time?
- What changes did you see or would you have seen?

**Discover Activity** read it on page 32 in your textbook, answer on page 76 in your spiral

- Observed the 2 pictures of the changes in Yellowstone National Park.
- Read #1.
- 1. Make a list of all the differences you notice between the two scenes.
- 2. How would you describe what happened during the time between the two photographs?
- 3. Write 2 questions you might have about this process.

# [ Staples “notes” in your spiral ]

- Staple notes “Changes in Communities” questions 1-4 on spiral page 77
- Staple the other page, #'s 5-11 on spiral page 78.

# Primary Succession spiral page 79

- Read page 32-33 in your textbook
- After reading, answer notes questions “As You Read... and #'s 1-6.
- **Key Vocabulary to Know**
  - **Primary succession**
  - **Pioneer species**
- **1. Figure 19- What determines the particular species that appear during succession? (con't on next slide)**

# [ Predicting Changes- con't spiral page 79 ]

- 2. Which stage of succession in Figure 19 shows pioneer species?
- 3. How might these species arrive at the area?
- 4. Why are the changes during succession predictable?
- 5. How can ecologists tell what will happen in a particular community after a natural disaster?

# Secondary Succession- spiral page 80

- Read page 34-35.
- Answer notes questions 7-11 on spiral page 78.



# Secondary Succession- con't spiral

page 80, complete sentences.

- Look at Figure 20
- 1. How does secondary succession differ from primary succession?
- 2. Which type of succession usually occurs more rapidly?
- 3. What type of succession would occur in an area that has been damaged by floods? **Explain.**

# Comparing Figure 19 and 20,

spiral page 81

- 1. What is the difference between figure 19 and 20?
- 2. Which is primary and which is secondary succession?

# Lab Zone- Interview a Family Member

spiral page 82

- Read Lab Zone on textbook page 35
- 1. Write interview questions.
- 2. Take notes on what the person said.
- Present your summary to the class when asked to.

# 1-4 Assessment spiral page 83

- Answer the questions on page 35, #1 a, b and c
- **Write in complete sentences**  
**restating the question in your**  
**answer.**