

# Learning Log

for Online Activities



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

## CHAPTER 35 Population and Community Ecology

### Learning Log for Online Activities

#### Online Activity Worksheet 35.1

*A population is a local group of organisms of one species.*

##### FOCUS 1 **IMAGINE** to estimate population density

Watch the video and study the population of fish. Then answer the following questions in the space provided.

1. At any given time, every population has geographical boundaries and a population size. What do you predict the future population density will be if the boundaries are increased from five to eight square kilometers, and these five and ten females migrate to move into this area while the existing individuals remain constant?

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##### FOCUS 2 **IMAGINE** to match species with their distribution patterns

This activity provides examples of distribution patterns in populations. Watch the distribution patterns with the photographs. Then answer the following questions in the space provided.

1. What distribution pattern do the grasses represent? How do you know?

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2. What distribution pattern do the sugar oak represent? How do you know?

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3. What distribution pattern do the ferns represent? How do you know?

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