

This Week in Science: #19

Name:

Dates:

“Everything is the product of one universal creative effort. There is nothing dead in Nature. Everything is organic and living, and therefore the whole world appears to be a living organism.”

Seneca, Roman philosopher

Terms: Ecology, ecologist, environment, trade-offs, evidence, introduced species, observation

Tuesday:

Activity: Ecology, Getting Started

Learning Target: I will recall my current knowledge of ecology and frame questions about the next unit.

Conceptual Question: What do I know, and what do I want to learn, about ecology?

What's Due: Nothing

Wednesday:

Activity: Silent reading & Lesson #72 (Miracle Fish)

Learning Target: I can describe the trade-offs of introducing a species into a new environment.

Conceptual Question: What are the positive and negative impacts introduced species could have on an environment?

What's Due: Nothing

Thursday:

Activity: Lesson #73 (Introduced Species)

Learning Target: I can describe and evaluate ways to control introduced species

Conceptual Question: What effect can an introduced species have on an environment? What, if anything, should be done to control the species in question?

What's Due: Lesson #72 Analysis #1-7

Friday:

Activity: Lesson #74 (Observing Organisms)

Learning Target: I can accurately describe my physical and behavioral observations of an animal species

Conceptual Question: How can a lab investigation help you learn more about the ecology of a species?

What's Due: “Introduced Species Information” handout (Lesson #73)

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Answers to Conceptual Questions:

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Thursday:

Friday: