



Natural Inquirer Lesson Plan



***Knocked Out by Trout* Lesson Plan**

- Use with Invasive Species *Natural Inquirer* article *Knocked Out by Trout: The Relationship between Nonnative Trout and Pacific Tree Frogs*

Science Skills: summarizing, analyzing, discussing, comparing

National Science Education Standards Addressed:

- **Life Science-** Regulation & Behavior, Populations and Ecosystems, Diversity & Adaptation
- **Science in Personal and Social Perspectives-** Risks & Benefits
- **History and Nature of Science-** Science as a Human Endeavor, Nature of Science

Objectives:

- Students will be able to analyze and summarize the relationship of the Pacific Tree frog population to the populations of nonnative trout.
- Students will be able to use a graphic organizer to understand and discuss information from the article.

Estimated Time for Lesson:

Two 50 minute class periods

Materials:

- Class set of the Invasive Species *Natural Inquirer*
- Class set of the graphic organizer

Procedures:

1. Students will work in pairs or in small groups and read the article *Knocked Out by Trout*.
2. Each pair or group will fill in the graphic organizer as they read.
3. Once all groups have finished, lead a class discussion. You may use some of the following questions to help lead your discussion.

- Where is this article taking place?
- How did the nonnative trout end up in the lakes?
- What happens to the Pacific Tree frog population when there are a lot of nonnative trout present?
- Why do you think the nonnative trout population influences the Pacific Tree frog population?

Assessment:

Students can be informally assessed on their class discussion. The graphic organizers can be used as an assessment too.

Modifications: For students that need an extra challenge, they may choose to read another *Natural Inquirer* article and report back to the class about it.