



Natural Inquirer Lesson Plan



***And Then There Were Nun* Lesson Plan**

- Use with Invasive Species *Natural Inquirer* article *And Then There Were Nun: Trees that could be endangered by a Nun Moth Invasion*

Science Skills:

- Comparing, analyzing, recording, discussing

National Science Education Standards Addressed:

- **Life Science-** Population and Ecosystems, Diversity and Adaptation of Organisms
- **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 identify the problems associated with a Nun Moth invasion.

Students will be able to assess whether or not the area they live in could be susceptible to a Nun Moth invasion.

Estimated Time for Lesson:

Two or three 45 minute lessons

Materials:

- Science notebook
- *Natural Inquirer* Invasive Species Edition- class set
- Tree Guidebooks for area

Procedures:

1. Split the class into 5 small groups. Assign each group 3 words from the glossary on page 19. Each group should create a visual word wall card that includes the word, definition, and some type of visual image that helps identify the word.
2. Post word wall in classroom so that students can reference these words as they read and work on the lesson.
3. Ask students to read the article in their groups. As they read they will answer the “Reflection Section” questions in their science notebooks. (Note: possible answers to the “Reflection Sections” for each article are provided on page 68-75).

4. Once groups have finished reading and answering the “Reflection Section” questions, they are ready to begin the FACTivity on page 25.
5. Each group should have a recorder, a fact finder, a researcher, a timer. The recorder will write down important information, the fact finder will search for the important facts in the *Natural Inquirer* article, the researcher will find the information in the tree guide book, and the timer will make sure the group stays on task and keeps within the time limit for finishing the activity.
6. Once the roles have been assigned, give each group 45 minutes to complete questions 1-4 in the FACTivity on page 25. After 45 minutes has passed, engage the class in a discussion about what they found and whether or not the Nun Moth is a potential threat to your area.

Assessment:

Students’ science notebooks can be used for either a formal or informal assessment. Additionally, the final class discussion can be used as an informal assessment.

Modifications:

For students that need an extra challenge, have them complete the “Activity extension” on page 25.