

# Lesson Plan



**Note:** This lesson plan may be used with any *Natural Inquirer* monograph or article.

## Time Needed:

3-4 class periods

## Materials (for each student or group of students):

- *Natural Inquirer* monograph or article
- Prepared sheet
- Writing utensil
- *Natural Inquirer* Venn Diagram

In this lesson plans, students will read, compare, and contrast two *Natural Inquirer* monographs or articles focused on the same topic.

## Methods:

### Prep

Educators should choose two *Natural Inquirer* monographs or articles. Read both monographs or articles fully. Make copies of the *Natural Inquirer* Venn Diagram.

Use blank paper to make a prepared sheet as pictured on this page. Then make copies for each student or group of students

### Day One

Introduce *Natural Inquirer* and the concept of scientific journals. Scientists write scientific articles to share their research with the public and their colleagues in the science field. *Natural Inquirer* articles are written for students, but they are based on content directly from real scientific articles.

Provide students a copy of the first *Natural Inquirer* monograph or article, as well as the copies of the prepared sheet. Students should read the entirety of the first monograph or article. For the Introduction, Methods, Findings, and Discussion, the main body of the scientific article, students should make notes in the prepared sheet. Notes from the Introduction of the first monograph or article should go in the top half of the "Introduction" section of the prepared sheet.

Student Name Introduction
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Method
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Front side of prepared sheet

Findings
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Discussion
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Back side of prepared sheet

### Day Two

Provide students a copy of the second *Natural Inquirer* monograph or article, as well as their copies of the prepared sheets. Direct students to read the monograph or article. As they read, students should take notes for the second monograph or article in the second half of each section of the prepared sheet. The entire prepared sheet should be complete following this portion of the lesson plan.

## Day Three

Provide students their copies of the prepared sheet, as well as a blank copy of the *Natural Inquirer* Venn Diagram. If students aren't already formed into groups, split the class into groups. Using their notes in the prepared sheet, as well as the text for reference, give students time to complete the *Natural Inquirer* Venn Diagram. How is the research similar? How is the research different? Encourage students to think about the research topic, as well as the research methods, outcomes, and types of scientists, among many other similarities and differences.

NAME: \_\_\_\_\_

Write the name of each article you are reading in the appropriate area above each circle of the Venn diagram. Similarities between the two articles go in the middle, and differences are noted in the appropriate article circle.

Article Title:

\_\_\_\_\_

Article Title:

\_\_\_\_\_

