

The Nature of Science



Directions: *Carefully review the table and answer the following questions.*

Steps in the Scientific Method	
Steps	Procedures
Identifying the problem	Pick a question to be tested
Researching the problem	Collect information
Forming a hypothesis	Make an informed guess about the results
Testing the hypothesis	Do an experiment and collect data
Analyzing the results	Arrange the data and compare the data to the hypothesis
Conclusion	From the analysis of the data, suggest a final answer

- 1. According to the table, looking up information on the computer about different types of soil is an example of ____.
 - A identifying a problem
- **C** analyzing results

B researching

- **D** hypothesis testing
- 2. According to the table, which step does not involve data collected in an experiment?
 - **F** identifying a problem
- **H** analyzing results
- **G** hypothesis testing
- J conclusion
- 3. Which step of the scientific method presents the final results of your hypothesis?
 - A identifying a problem
- **C** hypothesis testing

B researching

D conclusion