Skills Worksheet

Directed Reading

Section: The Nature of Science

Read each question, and write your answer in the space provided.

1. List and describe four aspects of scientific thought.

_________________________________________________________________
_________________________________________________________________
_________________________________________________________________
_________________________________________________________________

2. Define the term *universal law*. Give an example of a universal law, and describe how a biologist might relate this universal law to an area of study.

_________________________________________________________________
_________________________________________________________________
_________________________________________________________________
_________________________________________________________________

3. What are ethics? Give three reasons that scientific investigations require ethical behavior.

_________________________________________________________________
_________________________________________________________________
_________________________________________________________________
_________________________________________________________________

4. What are four ways in which studying science can help you?

_________________________________________________________________
_________________________________________________________________
_________________________________________________________________
_________________________________________________________________