

Note-taking Worksheet (continued)

C. Scientific knowledge _____ as testing procedures and instruments improve.

1. An explanation or model backed by results obtained from many tests or experiments is called a _____.
2. A _____ is a rule that describes the behavior of something in nature, usually without explaining why the behavior occurs.

D. Science cannot answer all questions.

1. _____ deals with moral values about what is good or bad.
2. _____ systems deal with religious questions that science cannot answer, such as: Do humans have more value than other life forms?

E. It is important to prevent _____, or personal opinion, from influencing scientific observations.

1. Ethical and unbiased scientists keep detailed notes and allow other scientists to _____ their work.
2. Scientific _____ includes making up data, changing experiment results, or taking credit for another's work.