

Name KEY

Study Guide for Quiz on Scientific Method, Safety and Characteristics of Life

Book Pages- 36-39 Other resources Notes on Safety, Scientific Method, and Characteristics of Life (Living things)

Words to know...

hypothesis, variable, control group, experimental group, homeostasis, cells, stimulus, reaction, metabolism, DNA, asexual reproduction, sexual reproduction, heredity

Concepts to study.....

A. Scientific Method

1. Be able to make a hypothesis from a question or a problem.
2. Identify the variables in an experiment and redesign a poorly designed experiment.
3. Given a description of an experiment, decide which is the control and which is the experimental group.
4. Given a data set, write a conclusion based on the data set.

B. Safety

a. Be able to list and describe how three items you find in a science room are used for your safety.

1. Fire blanket. These are used to extinguish or put out fires on people.
2. Eye wash. This is used to wash chemicals out of eyes.
3. Safety shower. This is used to wash chemical off of body and puts out chemical fires on body.

Other: Fire extinguisher, safety goggles