The characteristics of organisms

Each plant or animal has different structures that serve different functions in growth, survival, and reproduction.

The behavior of individual organisms is influenced by internal cues (such as hunger) and by external cues (such as a change in the environment).

Humans and other organisms have senses that help them detect internal and external cues.

Organisms and Their Environments

All organisms cause changes in the environment where they live. Some of these changes are detrimental to the organism or other organisms, whereas others are beneficial.

Regulation and Behavior

All organisms must be able to obtain and use resources, grow, reproduce, and maintain stable internal conditions while living in a constantly changing external environment.

Understanding About Science and Technology

Tools help scientists make better observations, measurements, and equipment for investigations. They help scientists see, measure, and do things that they could not otherwise see, measure, and do.