Biology Chapter 1 "The Science of Biology"

Things to know:

VOCABULARY TO KNOW:

Biosphere	Ecosystem	Observation
Controlled Experiment	Homeostasis	Population
Controlled Variables	Hypothesis	Qualitative Data
Community	Independent Variable	Quantative Data
Data	Inference	Theory
Dependent Variable	Metabolism	

CONCEPTS TO UNDERSTAND:

Biology and the Goals of Science

How do scientists generate hypotheses?

Characteristics of a good hypothesis

Definition and Parts of a Controlled Experiment

Benefits of the ability to reproduce experiments and communicate results

Characteristics of all living things, factors that affect life.

Levels of Organization