Science Chapter 1 Study Guide

Plants

**Test Date:**

**Vocabulary words**

Cell – the basic building block of life

Chlorophyll - found in chloroplasts, gives plant green color

Conifer – tree that grows seeds in cones

Embryo – a young plant that is just beginning to grow

Environment – the things that make up an area, such as land, water and air

Flowering plant – plant that produces seeds in cones

Heredity – passing down characteristics from parent to offspring

Life cycle – all the stages in an organisms life

Leaf – main food making part of a plant

Mineral – naturally occurring substance that is neither plant nor animal, found in soil

Organism – a living thing

Reproduction – the way organisms make more of their own kind

Respond – to react to a change

Root – part that grows underground, helps hold plant in the ground and takes in water and minerals

Stem – part that supports the plant and carries water and minerals from the roots

**What are the stages of the plant life cycle?**

**How do plants make food?**

**What are the 3 characteristics of all living things?**

**What does a plant cell have that an animal cell does not? (p. A10-A11)**

**What do plants need from their environment to grow? (4 things)**

**How do we depend on plants? Know 2 ways (p. A21)**

**How is it determined what the offspring of a plant will look like?**