

Name:

Date:

Class:

## Pre-Assessment **Answer Key**

1. What is a solution?

A solution is a mixture made of two or more substances.

2. What is a mixture?

A mixture is created when two or more substances are mixed but not chemically joined together.

3. What is photosynthesis?

Photosynthesis is the process in which a plant uses light energy from the sun to produce food they need to survive.

4. What are pigments?

Pigments are the natural color of matter in plant tissue or animals.

5. What is chlorophyll and where can it be found?

Chlorophyll is a compound found in cells of plants that absorb sunlight to begin photosynthesis.

6. Why do leaves change colors?

Leaves change color due to the chlorophyll breaking down in the fall, which causes the other pigments that have been there to begin to appear.