

Leaves Need Light Experiment Review

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Understanding Photosynthesis and God's Design

Name: _____

Date: _____

Answer the following questions based on the *Leaves Need Light* lesson.

1. What is photosynthesis?

- A. The process plants use to make food
- B. A type of plant growth
- C. A form of plant decoration

2. Why do you think God designed plants to make their own food?

3. Leaves act like ___ panels, capturing sunlight.

4. Plants do not need light to produce food.

- True False

5. What happened to the covered part of the leaf during the experiment?

6. What did God say would grow on the earth?

- A. Flowers and bushes
- B. Grass, herbs, and fruit trees
- C. Only trees

7. Photosynthesis transforms light into ___ energy for plants.

8. Light is necessary for plants to create their own food.

- True False

9. How is photosynthesis similar to how we receive energy?

10. According to Genesis 1:11, what did God create on the earth?

- A. Animals and insects
- B. Grass, herbs, and fruit trees
- C. Mountains and rivers

Answer Key

1. The process plants use to make food 2. God designed plants to make their own food so they could grow and support life on earth. 3. solar 4. False 5. The covered part did not change color because it did not receive light for photosynthesis. 6. Grass, herbs, and fruit trees 7. plant 8. True 9. Photosynthesis is similar because both plants and humans need energy to live and grow, but we get our energy from food, while plants make their own using sunlight. 10. Grass, herbs, and fruit trees