Why Evergreens Shed Snow

Name: ANSWER KEY Date: _____

Vocabulary Words: Match the definition to each word.

1. Deciduous — 1. Having leaves that drop off each year.
2. Evergreen — 4. Change in an organism or its parts that fits it better for the conditions of its environment
3. Chloroplast — 3. A plant part that contains chlorophyll and is the location of photosynthesis
4. Adaptation — 2. Having needles that remain green and functional through more than one growing season

Multiple Choice: Choose the correct answer from the choices for each question.

1. Why do deciduous trees lose their leaves?
   a) To grow new flowers
   b) To avoid snow buildup on their branches
   c) Because they don't need sunlight
   d) To make room for new bark

2. What do evergreen trees have instead of broad leaves?
   a) Flowers
   b) Needles
   c) Fruit
   d) Thorns

3. What would happen if deciduous trees kept their leaves in winter?
   a) The tree would grow faster
   b) The branches could break from heavy snow
   c) The tree would never change colors
   d) The tree would produce more fruit

4. What is the main reason evergreen branches bend easily?
   a) To collect more sunlight
   b) To prevent breaking under the weight of snow
   c) To make them taller
   d) To attract animals

Discussion & Reflection: Answer the following questions in complete sentences

1. How do the needles of evergreen trees help them survive winter weather?

The needles of evergreen trees are thin and allow snow to fall off easily, and their branches can bend without breaking, helping them survive snowy winters.

2. How does the design of different trees show God's wisdom?

Each tree is perfectly suited for its environment— This thoughtful variety reveals careful planning and purpose, not chance.

4. Why do you think God created different kinds of trees instead of just one kind?:

5. This shows me that God is (Circle the word):

Wise Powerful Caring Creative All of the above

Explain your choice: