

Name \_\_\_\_\_

Day 1

Green plants are like factories. Plant factories make two kinds of food: One is sugar, and the other is starch. Almost all fruits and vegetables you eat contain some form of sugar or starch. Fruits such as apples, oranges, cherries, pears, and even lemons contain sugar; vegetables such as potatoes, corn, and beans contain starch.

1. Circle words with a **soft g** sound and underline words with a **hard g** sound.
2. What does the author compare green plants with? \_\_\_\_\_
3. What is a factory? \_\_\_\_\_
4. What two kinds of food do plant factories make? \_\_\_\_\_

Day 2

Green plants are made up of cells just as you are. A cell is the smallest structural unit of a living plant or animal. Because they are so small, cells can be seen only through a microscope. Inside the cells are chloroplasts, which contain chlorophyll and carotene. They manufacture the sugar and starch. They are the machines of the plant factory.

1. List the words that begin with the same starting sound as **clean**. \_\_\_\_\_
2. What is a microscope? \_\_\_\_\_
3. What is compared to the machines of a factory? \_\_\_\_\_
4. Can you see cells with the naked eye? \_\_\_\_\_

Day 3

Two kinds of doors are in plant factories. One kind is called stoma. Stomata are tiny holes in leaves that allow air to move in and out. Plants use carbon dioxide and then release oxygen back into the air. Roots are the second kind of door. Water travels into the root hairs of the plant.

1. Circle the words with **oo** that sound like **boots**. Underline the words with **oo** that sound like **floor**.
2. What are stomata? \_\_\_\_\_
3. What is a good title for this paragraph? \_\_\_\_\_
4. What are the two kinds of doors in plant factories? \_\_\_\_\_

Day 4

Plants use storerooms to **store** their food. Carrot plants store their food in roots, while maple trees store their food in trunks. Lettuce plants store their food in leaves, peas store their food in seeds, and peach trees store their food in the fruit.

- |  |  |        |       |         |      |      |       |            |       |            |        |
|--|--|--------|-------|---------|------|------|-------|------------|-------|------------|--------|
| <ol style="list-style-type: none"> <li>1. Find and circle a compound word.</li> <li>2. What word could you use instead of <b>store</b> as it is used in this paragraph? _____</li> <li>3. Underline the topic sentence of this paragraph.</li> </ol> | <ol style="list-style-type: none"> <li>4. Draw lines to match the plants to their storerooms.</li> </ol> <table border="0" style="width: 100%;"> <tr> <td>carrot</td> <td>fruit</td> </tr> <tr> <td>lettuce</td> <td>root</td> </tr> <tr> <td>peas</td> <td>trunk</td> </tr> <tr> <td>peach tree</td> <td>seeds</td> </tr> <tr> <td>maple tree</td> <td>leaves</td> </tr> </table> | carrot | fruit | lettuce | root | peas | trunk | peach tree | seeds | maple tree | leaves |
| carrot   | fruit  |        |       |         |      |      |       |            |       |            |        |
| lettuce  | root   |        |       |         |      |      |       |            |       |            |        |
| peas   | trunk  |        |       |         |      |      |       |            |       |            |        |
| peach tree   | seeds  |        |       |         |      |      |       |            |       |            |        |
| maple tree   | leaves   |        |       |         |      |      |       |            |       |            |        |

Name \_\_\_\_\_

## Your Brain

Have you ever watched a coach during a ball game? The coach tells players where to go and what to do as things are happening in the game. Your brain is like your coach. Information from your five senses—touch, smell, hearing, taste, sight—races to your brain. Your brain sorts out the information and lets your body know what to do.

Your brain has three main parts: the medulla oblongata, the cerebrum, and the cerebellum. Perhaps you have heard someone talk about “gray matter” while discussing intelligence. This refers to the cerebrum. The cerebrum is large, and its outside layer, called the cerebral cortex, is gray and looks wrinkled. The cerebrum and the cerebral cortex spring to work when you are doing something that requires a good deal of thought. If you are taking a test, talking to a friend, or reading directions to put together a new bike, your cerebrum is busy.

As you try to keep your balance on your bike, it is your cerebellum that is called to work. The cerebellum is in control of balance and coordination. It is much smaller than the cerebrum.

The medulla oblongata is your brain stem. It is the lowest part of your brain. The medulla oblongata controls breathing and heart rate.

The next time you assemble a bike, take a bike ride, and gasp for breath after riding up a hill, you will know that all of the parts of your brain have been very busy.

1. What is the main idea of this passage? \_\_\_\_\_

\_\_\_\_\_

2. How are the supporting paragraphs organized? \_\_\_\_\_

\_\_\_\_\_

3. How is a brain like a coach? \_\_\_\_\_

\_\_\_\_\_

4. Label the three main parts of the brain.

