Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chapter 29- Guided Reading

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ has changed and continues to change every aspect of life—from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. These changes are \_\_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. A little more than 20 years ago IBM hired \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to create an operating system for a new PC, which was the beginning of the Microsoft Corporation.
4. Google and PayPal were founded about \_\_\_\_\_\_\_\_\_\_\_\_ years ago. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ was founded in 2003 and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in 2005. The trend of electronic communication affecting our daily lives is bound to continue.
5. Technology today is integrated into almost every facet of life and influences how you\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, use\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Collecting Information:**

1. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_are the major forms of technology affecting your life today.
2. Using the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a fast and easy way to find the information you need such as telephone numbers or data for a science project.

**Organizing Information:**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are used to arrange and calculate data in a variety of ways.
2. Spreadsheets can be used in business for\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. At home, you can use them to track a personal\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Databases can organize data such as \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and be \_\_\_\_\_\_\_\_\_\_ in different ways.

**Evaluating Information:**

1. You can use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to evaluate information.
2. Spreadsheets contain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ functions as well as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ functions such as Average, Count, Maximum, and Percentile.
3. Arranging data in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_helps you see patterns or trends in the data and evaluate it by comparing one set of calculation results to another.

**Communicating Information:**

1. When computers are connected through a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_or the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, they can exchange information instantaneously.
2. Technology provides communication options such as\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and social Web sites such as \_\_\_\_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Increasing Productivity:**

1. Access to the Internet and the Web can increase your productivity by providing online access to multiple resources, including communications with \_\_\_\_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ programs can also enhance output and productivity.

**Collaborating with Others and Solving Problems:**

1. Using \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, you can collaborate with other people all over the world who might otherwise never meet or know of each other.
2. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of ideas on a global basis helps you see a problem from different viewpoints.

**Creating Communities:**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_communities and \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_such as Facebook and MySpace provide an opportunity to socialize with others who have common interests.

**Facilitating Learning:**

1. Many textbooks published today have an associated Web site where students can access\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, find \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_to accompany the text, and do\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Supporting Critical Thinking:**

1. When reading information online, particularly pages that persuade you to buy or do something, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_the information critically, \_\_\_\_\_\_\_\_\_\_\_\_\_\_the point of view and motivations, and wait to act until you have \_\_\_\_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_all the information.

**Facilitating Daily Life:**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, means conducting business on the internet.
2. Online \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_provide access to many services, such as paying your water bill or renewing your driver’s license.

**Computer Technology in Everyday Life:**

1. If you swipe your \_\_\_\_\_\_\_\_\_card or \_\_\_\_\_\_\_\_\_\_\_card through the machine at the cashier’s station at your local store and then enter your personal identification number (PIN), information about your account is transferred to the store’s computers and the amount of your purchase is deducted from your \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ balance.

**Credit Card and Other Commerce Systems:**

1. If you lose a\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_, it can be canceled immediately; whereas if your money is lost or stolen, the chances of recovery are very small.
2. Credit card \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is a concern on the Internet. Credit card \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_that fall into the wrong hands can cause lots of headaches for cardholders very quickly.
3. Only purchase from Web sites that you know are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Provide an example of the following advances in technology:**

|  |  |
| --- | --- |
| Automated Industrial Processes |  |
| Point-of-Sale Systems |  |
| Weather Predicting |  |
| Embedded Computers |  |
| Global Positioning Systems |  |
| Security Systems |  |
|  |  |

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, which means having an online business, is changing the way the world does business.
2. Some analysts predict that within the next \_\_\_\_\_\_\_years, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_business will account for up to \_\_\_\_\_\_\_\_\_\_ percent or more of the world’s consumer sales.
3. Electronic commerce has generated new jobs and new categories of jobs, such as\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Define and provide an example of the following:**

|  |  |  |
| --- | --- | --- |
| Concept | Definition | Example |
| Business-to-business (B2B) |  |  |
| Business-to-consumer (B2C) |  |  |
| Business-to-government (B2G) |  |  |

**Online Learning:**

1. Any high school student who is a \_\_\_\_\_\_\_\_\_\_\_resident can attend the \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_online for free. Other states provide similar programs.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is when employers allow their employees to work from home. Projects and other relevant information can be shared through \_\_\_\_\_\_\_\_\_\_\_\_\_and other online distribution options.

**Supporting the Physically Challenged**

1. Electronic devices help disabled people\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, become more \_\_\_\_\_\_\_\_\_\_\_\_\_\_, and participate in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. For example, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_for the \_\_\_\_\_\_\_\_\_\_\_\_ (TDD) technology allows hearing-impaired people to use a telephone.
2. Several adaptive software options are available for the blind or individuals with limited sight. List examples below:
	1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Electronic Government**

1. Go out on the internet and Google search for the City of Louisville’s Government Website. Provide the Link below.
	1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_