

# Communication Technology

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## Summary

This book is about how communication has changed over the years and how it may change in the future.

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# Before Reading

## Think Ahead

Look at the pictures and answer the questions.

phonograph



virtual reality



keyboard

typewriter

cassette



1. What type of equipment does the man have on his head? \_\_\_\_\_
2. What is the man touching with his left hand? \_\_\_\_\_
3. What do you call the old machine that people used to use to write? \_\_\_\_\_
4. What is the small rectangle shape that could contain music? \_\_\_\_\_

# Vocabulary

## A Read and match.

1.



•

2.



•

3.



•

4.



•

5.



•

6.



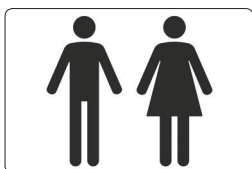
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7.



•

8.



•

• a. webpage

• b. telegraph

• c. encyclopedias

• d. toaster

• e. pictograms

• f. cave

• g. ideograph

• h. fridge

**B Write the word for each definition.**

intuitive

upload

passive

application

blog

1. \_\_\_\_\_ a computer program with a specific purpose such as maps or a game
2. \_\_\_\_\_ readily learned or understood
3. \_\_\_\_\_ a person's ideas and thoughts put on the Internet for others to read
4. \_\_\_\_\_ to send data or files to the Internet
5. \_\_\_\_\_ accepting or receiving, not giving or sending

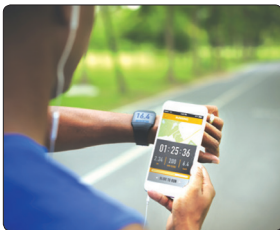
**C Choose the word that means about the same as the underlined words.**

1. Modern technology uses many objects that identify information.  
 a. sensors                      b. cassettes                      c. audios                      d. pictograms
2. In the 21<sup>st</sup> century, communication is a(n) extremely important aspect of our lives.  
 a. intuitive                      b. tremendously                      c. unusually                      d. unlikely
3. An example of technology shown on a real-world background is a phone showing information about the food we are buying as we shop.  
 a. virtual reality                      b. careful planning                      c. intuitive help                      d. augmented reality
4. These days, it is more convenient to use a computer than a(n) book of world facts.  
 a. cassette                      b. webpage                      c. application                      d. encyclopedia

## Comprehension

**A Match the pictures with the correct sentences.**

- a. A phone showing a new type of reality which adds information to the world we see.
- b. Perceptual computers recognize the people they interact with.
- c. An athlete using an application that helps people look after their bodies.



1. \_\_\_\_\_



2. \_\_\_\_\_



3. \_\_\_\_\_

**B Choose the best answer.**

1. Where was the printing press invented?
  - a. In America
  - b. In Asia
  - c. In South Africa
  - d. In Europe
2. What discovery enabled many new technologies?
  - a. How to make papyrus
  - b. How to use electricity
  - c. How to understand Morse code
  - d. How to record shows from television
3. What is NOT true about the Internet?
  - a. It changed significantly at the beginning of the 21<sup>st</sup> century.
  - b. It was first developed in the 1950s.
  - c. Multiple-person calls became possible with it.
  - d. Many different online encyclopedias were created.

**C** Choose the correct phrase for each picture. One (1) choice will not be used.

- a. Many sensors used to read the brain
- b. An old audio cassette player
- c. A very early example of a phone
- d. A special technology using augmented reality
- e. An early example of a computer



1. \_\_\_\_\_



2. \_\_\_\_\_



3. \_\_\_\_\_



4. \_\_\_\_\_

**D** Read each sentence. Write “T” if it is true or “F” if it is false.

1. \_\_\_\_\_ Wearable technology can help people hear from far away.
2. \_\_\_\_\_ The typewriter was invented in the 16<sup>th</sup> century.
3. \_\_\_\_\_ Phones in the 1980s did not allow people to access the Internet.
4. \_\_\_\_\_ The only concern people have when using the Internet is how much it will cost.
5. \_\_\_\_\_ Virtual reality is the same as augmented reality.

**E Complete the sentences with the correct words.**

1. \_\_\_\_\_ can be used on mobile phones because they have more processing  
Telegraphs Applications  
power now.
2. CDs were invented after \_\_\_\_\_.  
cassettes ideographs
3. \_\_\_\_\_ allow people to get information that is permanently online.  
Audio Webpages
4. \_\_\_\_\_ reality allows people to learn information about things they see  
Virtual Augmented  
around them.
5. In the beginning, the Internet was read only and was a very \_\_\_\_\_ thing.  
intuitive passive

**F Number the events in order from 1=first to 5=last.**

- a. \_\_\_\_\_ A webpage was used for the very first time.
- b. \_\_\_\_\_ Many smartphones could use a wide range of applications.
- c. \_\_\_\_\_ It became possible for people to record themselves on their own personal device.
- d. \_\_\_\_\_ The public could buy mobile phones and use them.
- e. \_\_\_\_\_ Television was invented, and it changed what people did with their free time.

# After Reading

## Think About It

**A** Look in the reader to write the answers to the following 5-W questions.

Who?	What?	When?	Where?	Why?
_____ created papyrus, something like paper that people could use to communicate.	In the 1500s, the _____ improved people's ability to communicate with each other.	In _____, a machine was created by Johannes Gutenberg that could produce books more quickly.	The Internet was developed out of defense technologies in the _____. _____.	In the future, smart devices will need to collect a lot of _____ data from us to function, but we must be careful because that data could also be used to hurt us.

**B** Complete the sentences below with your own ideas.

From this book, I learned \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_.

Before I read this book, I knew \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_.

Now I also know \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_.