

UNIT 2

Warm-up

- * Which IT devices do you use in your everyday life?
- * What IT equipment do you think IT professionals use at work?
- * Do you know the difference between input and output devices?
- * Do we still use the same IT devices we did ten years ago?

"Any sufficiently advanced technology
is indistinguishable from magic."

Arthur C. Clarke

Technological devices

1. Do you know the name of these technological gadgets?



a) _____

b) _____

c) _____

d) _____



e) _____

f) _____

g) _____

Types of computers

1. Match the picture with the correct name of each type of computer:

mainframe

laptop

desktop computer

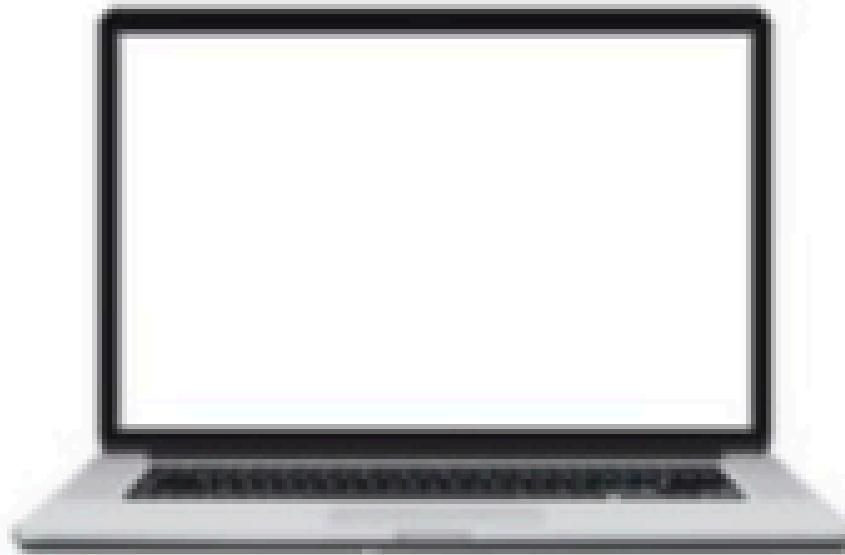
tablet

workstation

smartphone



a)



b)



c)



d)



e)



f)

2. Complete the following table with appropriate information:

| User | Type of computer | Use |
|--------------|------------------|--|
| Data analyst | | |
| | tablet PC | |
| | | Personal computing device designed to fit on a typical office desk. |
| | workstation | |
| | | A mobile phone that can be used to make and receive phone calls, browse the internet and play music. |
| Student | | |

Peripherals

There are three main types of **computer peripherals**:

- **Input devices** are pieces of equipment you connect to a computer so the computer can receive data from them.
- When you connect **output devices** to a computer, the computer sends data to them.
- **Storage devices** receive and store data from computers if they are connected to them.

1. Work in pairs. Can you think of an example of the devices described above?

- a) Input device: _____
b) Output device: _____
c) Storage device: _____

2. Write down the names of the peripheral devices that you see in the following pictures.



a) _____



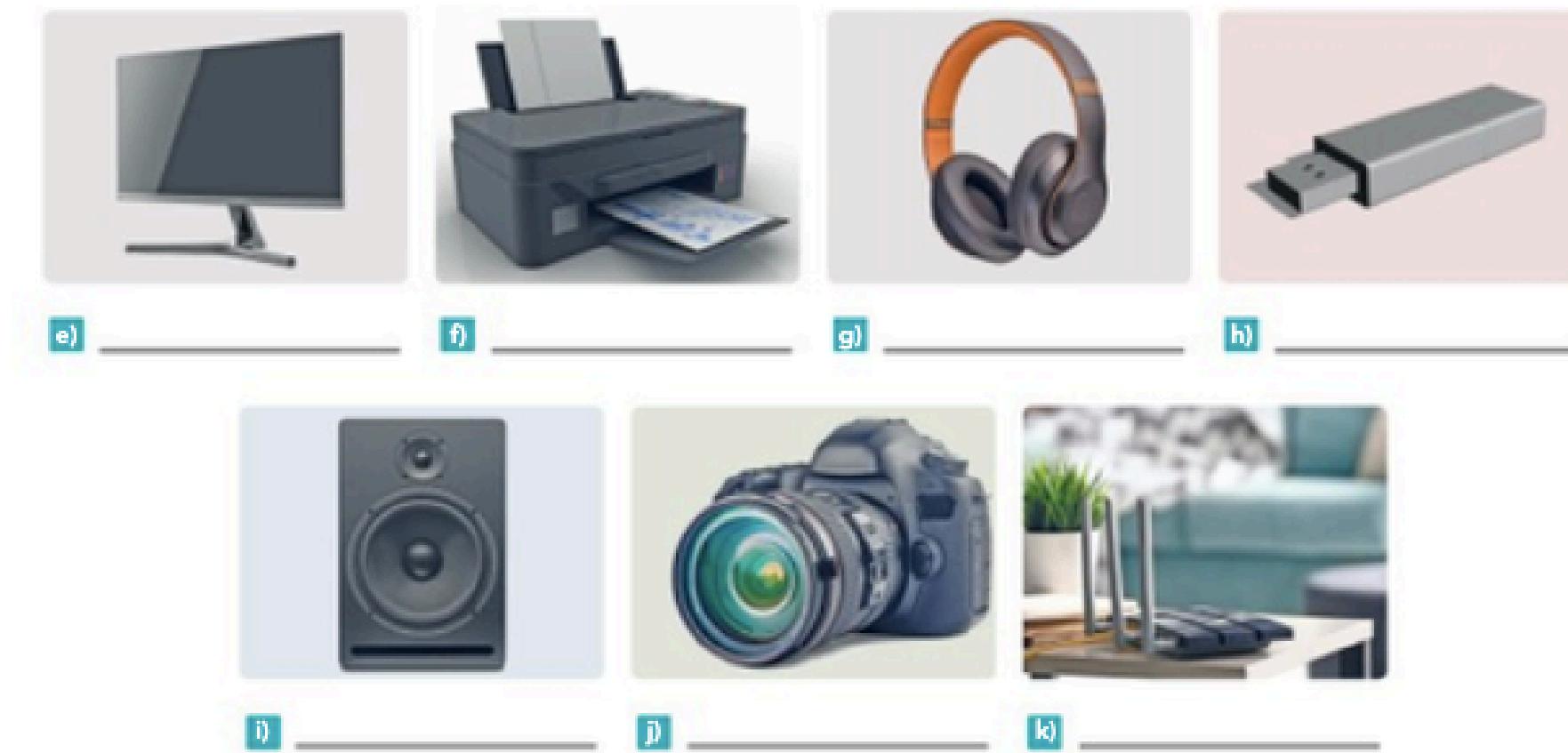
b) _____



c) _____



d) _____



3. Now, classify the devices shown in the photographs above using this chart:

| Input devices | Output devices | Storage devices |
|---------------|----------------|-----------------|
| | | |

6. Match the nouns on the right with the most suitable adjective:

| Adjectives | Nouns |
|-------------|------------|
| ergonomic | keyboard |
| comfortable | printer |
| wireless | mouse |
| inkjet | smartwatch |
| updated | headphones |
| wired | computer |

7. Read the following definitions and write down the name of the peripheral device they are referring to:

- a) A set of keys that lets users enter text into computers or other electronic devices. _____
- b) A device that receives audio output from another device, such as a computer. _____
- c) A piece of equipment that accepts text and graphic output from a computer and prints the information on paper. _____
- d) A small device that controls the cursor or pointer on a computer screen. _____
- e) A gadget that is a portable data-storage device. _____

Computers at the workplace

1. Look at this image. How many technological devices can you see?



2. Word building. Fill in each blank with a verb made from the nouns in parentheses.

- a) Those machines are used to _____ documents. (printer)
- b) This device will be useful if you need to _____ a document. (scanner)
- c) You can use this tool to _____ out different parts of your presentation. (pointer)
- d) Most smartphones allow you to _____ audio. (recorder)
- e) David can _____ almost anything with his new mobile phone. (calculator)

1. Listen to the audio and then say if these sentences are true or false:

- a) This is Lisa's first job. _____
- b) Lisa started working in the office last week. _____
- c) Thomas is Lisa's boss. _____
- d) Lisa needs a keyboard. _____
- e) There is only one laser printer in the office. _____
- f) Thomas works at a desk behind Lisa's. _____

2. Now listen to the audio again and concentrate on answering the following questions:

- a) When did Lisa complete her studies? _____
- b) Has Thomas worked before? _____
- c) Where is Lisa's desk? _____
- d) Why does Lisa need a webcam? _____

3. Complete these sentences:

- a) Hi Lisa! I'm Thomas, your _____!
- b) You need to go through the _____ area and then turn left.
- c) The toilets are right round the corner, and the _____ area is there.
- d) In case you need help, my _____ is right behind you.

4. Can you explain and translate the meaning of the following words mentioned in the audio?

fast learner: _____

colleague: _____

fully equipped: _____





1. Answer the questions linked to the conversation you have just heard:

- a) Does James like Steven's new smartphone? _____
- b) How much does it cost? _____
- c) Does Steven think it's expensive? _____
- d) Does James want to get a new phone? _____

2. Complete the following sentences with information from the audio:

- a) It has full HD _____, an _____ memory of _____ GB and _____ MB of _____.
- b) Is it _____ to have such an _____ phone for that?
- c) I always like to have the _____ technology.

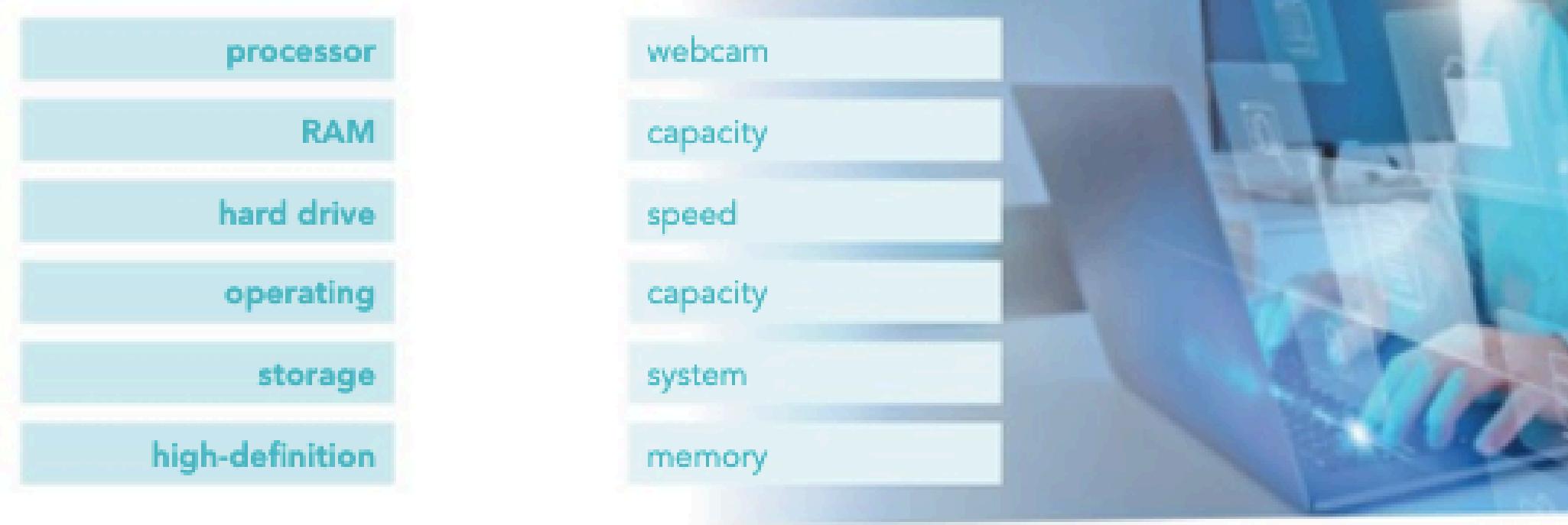
3. What does Steven use his phone for? Make a list of all the tasks he mentions.

- a) _____
- b) _____
- c) _____
- d) _____

Characteristics of computers

There are several characteristics that are commonly used to describe a computer.

1. Match the words in the lists below to form computers' specifications:



2. Write the name of the matching computer characteristic in the definitions below:

hard drive

Bluetooth and Wi-Fi technology

touchscreen

operating system

storage capacity

- An _____ is a low-level software that supports a computer's basic functions.
- _____ refers to the amount of data a computer system may contain.
- A _____ is an electro-mechanical data storage device that stores and retrieves digital data.
- _____ are both wireless technologies.
- A _____ is a display device which allows the user to interact with a computer by touching areas on the screen.



1. Complete these sentences with information from the audio:

- I'm looking for a _____ computer.
- Are you looking for a _____ computer or a _____?
- It has a powerful _____, which is fantastic for video games, as you may know.
- It has an A12 processor _____ at 2 GHz and 8GB of RAM.
- Well, it has Bluetooth and Wi-Fi _____ ...

2. Look for an adjective with the opposite meaning to the words below. There might be more than one option.

| | |
|--------------|--|
| a) expensive | |
| b) powerful | |
| c) fast | |
| d) unlimited | |



Speaking

At the IT shop: How to buy a computer

1. Listen again to the dialogue in Listening III on page 48 and then read the script:

Customer: Good afternoon. I'm looking for a gaming computer. Could you please recommend a good one?

Saleswoman: Sure. Are you looking for a desktop computer or a laptop?

Customer: I'd prefer a laptop. But I don't want to spend more than €1,000.

Saleswoman: Then I'll show you this one. It has a powerful graphics card, which is fantastic for video games, as you may know.

Customer: Great. What about the processor?

Saleswoman: It has an A12 processor running at 2 GHz and 8GB RAM.

Customer: Impressive. What else can you tell me about it?

Saleswoman: Well, it has Bluetooth and Wi-Fi technology and... the mouse is also included!

Customer: OK! Thanks for your time. I'll think about it.

2. **Work in pairs.** Imagine that the customer comes back to the shop with more questions and ends up buying the computer. Work out the dialogue that would take place between the customer and the shop assistant.



3. Read out the dialogue to your classmates.

Quick tips for a successful presentation

- Read the dialogue aloud many times before presenting it.
- Practice with your partner.
- Check your pronunciation and ask your teacher if there are some words you don't know how to pronounce.
- Speak slowly.
- Watch your body language.
- Control your voice.





Reading

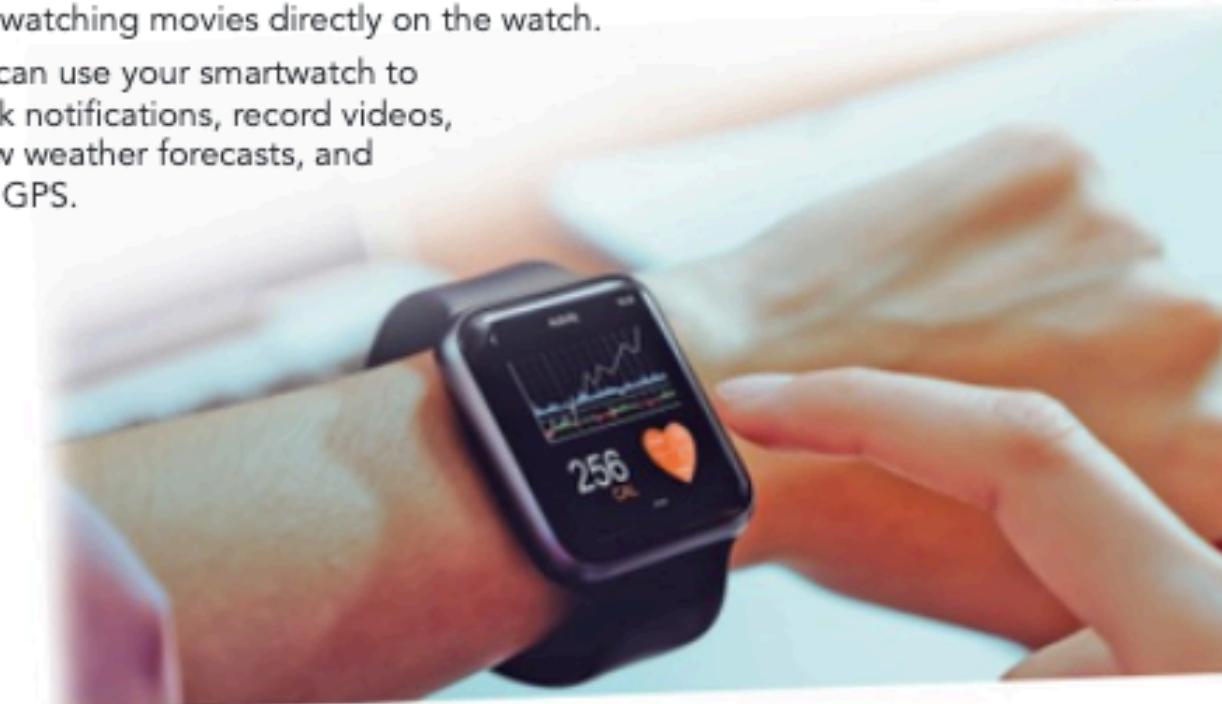


How does a smartwatch work?

A smartwatch is a digital watch containing a small computer with its own operating system. It functions as a traditional watch in many ways since it contains many features such as a time display, a timer, and an alarm. But it also provides a wide range of modern functions, such as access to the internet, making calls, sending messages, health monitoring, and playing games.

What a smartwatch can do

- In addition to displaying the time, the basic functions of smartwatches include showing the calendar and recording audio.
- The **health tracking** features include the ability to measure heart rate, steps, and calories burned.
- **Bluetooth connection.** This feature is essential on a smartwatch since it allows users to receive calls and messages, view contacts, and transfer data from the phone to the watch.
- The **data storage** function includes downloading music, photos and videos to watch them directly on the watch.
- **Connect Wi-Fi/3G.** With this function, your smartwatch can connect to Wi-Fi or 3G to support web surfing and watching movies directly on the watch.
- In addition, you can use your smartwatch to receive Facebook notifications, record videos, take photos, view weather forecasts, and navigate with its GPS.



Uses of smartwatches

- **Health.** Smartwatches with a fitness tracker perfectly blend health and technology.
- **Calling.** This feature comes in handy if you need to call for help in an emergency.
- **Running.** This function motivates you to get up and start running in the morning.
- **Kids.** Children are always on the move, so many parents want a device that helps keep track of them.
- **Job.** Some smartwatches can monitor your heart rate, stress levels, sleep patterns, and other vital signs to keep you safe at work.

Advantages of smartwatches

- Integrated with many modern technologies.
- Convenient to take anywhere.
- You can check the time, read messages, and see your latest updates with just a quick glance at the wrist.

Disadvantages of smartwatches

- High cost.
- High battery use.
- Heavier than standard watches.

Adapted from: <https://www.hoodmwr.com/how-does-a-smartwatch-work>.

1. Answer the following questions about the text:

- Do smartwatches have the same features as traditional watches?
- What are their modern features? _____
- Are smartwatches appropriate for kids? Why? _____
- What do they monitor when you are at work? _____
- Do you have a smartwatch? Why? _____

2. Look for synonyms in the text:

- essential: _____
- characteristic: _____
- action: _____
- regular: _____
- price: _____

3. Say if the following statements are true or false according to the text:

- You can take your smartwatch wherever you go. _____
- Smartwatches have an everlasting battery. _____
- Smartwatches keep track of your vital signs. _____
- You don't wear smartwatches on your wrist. _____
- Kids need to have a smartwatch as they are always on the move. _____

4. Add two more advantages and disadvantages of smartwatches:

- _____
- _____
- _____
- _____

Writing

Description of a technological gadget

1. Think of a technological device and note down all its different parts. You can use an online dictionary if you need to.



2. **Organise the information.** Draw a small diagram with the information you want to include in the different sections of your writing:

- **Introduction:** briefly introduce the device you are going to talk about.
- **Body:** in this section, you can include information like its parts, features, advantages, or disadvantages.
- **Conclusion:** explain why it is important/useful to you.



3. Using all the information you have and taking as an example the reading on page 57, write your own description of a technological device.



4. **Practice your pronunciation.** Read the description to your partner and let him/her guess what device it is.

Connectors for writing

Connectors show the relationship between the ideas in two clauses. The table below includes many different types of connectors.

| Sequence | Cause and effect | Comparison | Add information |
|---|-----------------------------------|---|--|
| First, First of all, Second, Secondly, Then, After that, Finally, | so Therefore, Consequently, | Similarly, In the same way, Likewise, | and Also, Moreover, besides(,), Furthermore, In addition, |

| Contrast | Emphasis | Conditionals | Illustrating |
|--|--|--------------|--|
| On the one hand, On the other hand, instead of while However, but Although | particularly especially in particular above all | If Unless | For example, For instance, like such as |

1. Complete the sentences with the appropriate connector:

- a) I like my new job, _____ my former job was really interesting as well.
- b) This job has many advantages, _____ the salary.
- c) I am walking to the market and _____ to the hospital.
- d) He had been running late all day. _____, he ended up missing the bus.
- e) _____ I am not going to the supermarket today, I will do so tomorrow.
- f) _____, I would like to talk about the importance of the environment.
- g) He will finish his duties _____ you finish yours.

2. Now, write a new technical description for the device you described in Exercise 3 on page 59, using some of the connectors you have just learnt.

