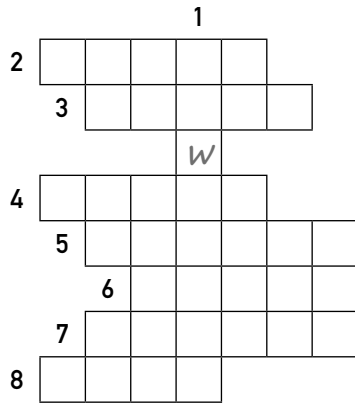




## Vocabulary 1

### ▶ IT activities

1 Do the crossword and discover word number 1.



1. \_\_\_\_\_
2. \_\_\_\_\_ an email
3. \_\_\_\_\_ data
4. \_\_\_\_\_ a document
5. \_\_\_\_\_ a video clip
6. \_\_\_\_\_ a comment
7. \_\_\_\_\_ a mobile phone
8. \_\_\_\_\_ an ebook

2 Complete the sentences with the words below.

scan • charge • data • online • e-book • post • print • store • ~~upload~~

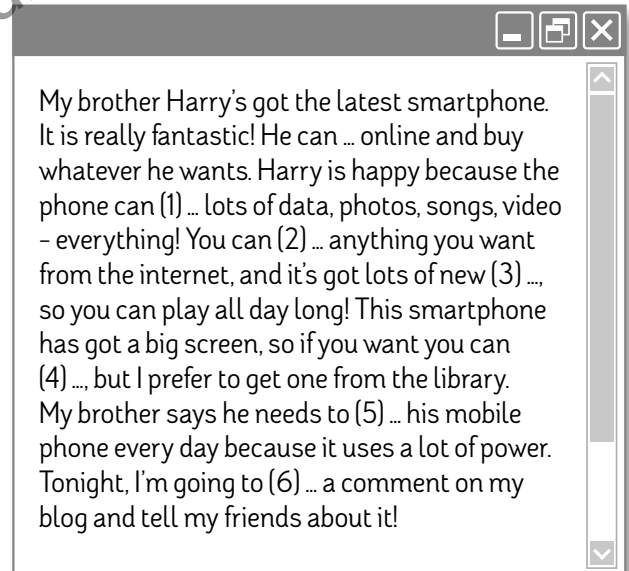
I've got a video clip on my camera. How can I upload it onto the Internet?

1. There's an interesting story on this website. I want to \_\_\_\_\_ a comment.
2. I always \_\_\_\_\_ my mobile phone at night when I go to bed.
3. I don't want to lose this \_\_\_\_\_. I've got it on my computer and on my memory stick.
4. Can you \_\_\_\_\_ music files on your mobile phone?
5. When you buy a ticket \_\_\_\_\_, you usually need to \_\_\_\_\_ a copy.
6. I want to \_\_\_\_\_ my grandma's old black and white photos and give them back to her.
7. Recent surveys showed that \_\_\_\_\_ sales grew by 9% in England.

3 Write the words in bold in the correct place.

1. A lot of people **scan** their mobile phone in the evening and this is not helping the energy crisis in the world.  
\_\_\_\_\_
2. Your sister is in her bedroom. She's trying to **posts** a video clip but something seems to be wrong with her computer.  
\_\_\_\_\_
3. How much does it cost to **store** this document?  
\_\_\_\_\_
4. I don't really like it when Mary **upload** silly comments on my blog.  
\_\_\_\_\_
5. How much data can you **print** on your computer?  
\_\_\_\_\_
6. Can you do me a favour? I need to **charge** this photo for a school project but my computer is out of order.  
\_\_\_\_\_

4 Read the text and choose the correct answers.



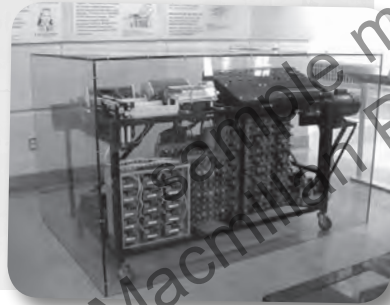
- |    |                   |                   |
|----|-------------------|-------------------|
|    | a. go             | b. make           |
| 1. | a. scan           | b. store          |
| 2. | a. download       | b. upload         |
| 3. | a. comments       | b. games          |
| 4. | a. read an e-book | b. post a comment |
| 5. | a. charge         | b. store          |
| 6. | a. download       | b. post           |

# Grammar 1

## ► Past simple and continuous: when and while

1 Complete the text with the past simple form of the verbs in brackets.

We visited (visit) the Computer History Museum in California last year. First, we (1) \_\_\_\_\_ (watch) a film about the history of computers. They (2) \_\_\_\_\_ (show) us a strange computer from 1939 - the Atanasoff-Berry computer. It (3) \_\_\_\_\_ (look) like lots of light bulbs on a metal plate! In the film, there was also a huge calculator from 1940. They (4) \_\_\_\_\_ (call) it the Complex Number Calculator. George Stibitz (5) \_\_\_\_\_ (design) it. It (6) \_\_\_\_\_ (use) telephone wires to send the calculations to a machine in another city. After the film, we (7) \_\_\_\_\_ (walk) around the museum with a guide. She (8) \_\_\_\_\_ (talk) about all the old computers.



2 Complete the sentences with the past continuous form of the verbs in brackets.

I was diving (dive) into the lake when I hit my head.

1. She fell over while she \_\_\_\_\_ (run) for the bus.
2. Who \_\_\_\_\_ (you / talk) to when I saw you this morning?
3. He lost his keys while he \_\_\_\_\_ (climb) over the wall.
4. \_\_\_\_\_ (she / play) football when she hurt her leg?
5. What \_\_\_\_\_ (you / do) while he \_\_\_\_\_ (make) dinner?
6. \_\_\_\_\_ (they / sit) in their living room when the thief broke the window?

3 Choose the correct words.

I fixed / was fixing my bike when Fred sent / was sending me a text.

1. She found / was finding the letter from Alex while she cleaned / was cleaning her room.
2. They played / were playing football when she broke / was breaking her leg.
3. He fell / was falling out of the tree while he picked / was picking fruit.
4. He did / was doing the washing-up when he cut / was cutting his finger on a knife.
5. While we watched / were watching TV, somebody knocked / was knocking at the door.

4 Order the words to make sentences.

living / Martin / met / were / when / Where / you / you ?  
Where were you living when you met Martin?

1. a bird / my breakfast / flew / having / I / into / the kitchen / was / while .  
\_\_\_\_\_
2. at / her bag / the bus stop / a man / she / standing / stole / was / when .  
\_\_\_\_\_
3. the engine trouble / flying / over / the sea / started / the plane / was / when .  
\_\_\_\_\_
4. saw / shark / swimming / the / the island / to / we / we / were / when .  
\_\_\_\_\_
5. getting / I / I / into / found / snake / my tent / a / was / while .  
\_\_\_\_\_
6. the beach / they / a strange bird / were / saw / while / along / walking / they .  
\_\_\_\_\_



**5 Complete the sentences with the past simple or past continuous form of the verbs in brackets.**

It started (start) to rain while we were having (have) a picnic.

- I \_\_\_\_\_ (not answer) the phone because I \_\_\_\_\_ (have) dinner.
- \_\_\_\_\_ (you / see) anything strange while you \_\_\_\_\_ (walk) by the river?
- I \_\_\_\_\_ (wake) you up because you \_\_\_\_\_ (talk) in your sleep.
- What \_\_\_\_\_ (Katrin / wear) when you \_\_\_\_\_ (see) her yesterday?
- While she \_\_\_\_\_ (write) an email, the computer \_\_\_\_\_ (stop) working.

**6 Write sentences using the past continuous or past simple form of the verbs.**

While / I get / a glass of water / the cat / eat / my lunch.

While I was getting a glass of water, the cat ate my lunch.

- My pet hamster / hide / in my suitcase / while / I pack / it.  
\_\_\_\_\_
- He crash / into another car / because / he talk / on his mobile phone.  
\_\_\_\_\_
- Who drive / when / they have / the accident?  
\_\_\_\_\_
- Where you sit / when / you see / the spaceship?  
\_\_\_\_\_
- We dance / at the party / when / we hear / a terrible crash.  
\_\_\_\_\_

**7 Complete the text with the correct form of the verbs in brackets.**

Julie I (1) \_\_\_\_\_ (join) an online gym last year.

Mark Really? Why (2) \_\_\_\_\_ you \_\_\_\_\_ (join) it?

Julie I (3) \_\_\_\_\_ (not have) time to go to the gym last summer. A friend (4) \_\_\_\_\_ me about the online gym and I decided to try it. First, I (5) \_\_\_\_\_ (answer) some questions about my height, weight and age. Then a virtual trainer (6) \_\_\_\_\_ (choose) an exercise programme for me.

Mark (7) \_\_\_\_\_ you \_\_\_\_\_ (get) fit?

Julie Of course I did. But there were some problems.

Mark What kind of problems?

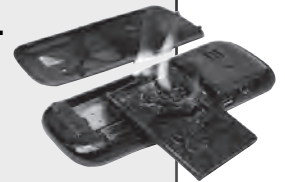
Julie When I (8) \_\_\_\_\_ (do) exercises, it was often hard to see the screen. Once, when I (9) \_\_\_\_\_ (lie) on the floor, my cat (10) \_\_\_\_\_ (jump) on my face!

**UPGRADE**

**05 Complete with only one word. Then listen and check your answers.**

Yesterday was an unusual day.

(1) \_\_\_\_\_ I arrived home from school, I saw my sister in the living room. She (2) \_\_\_\_\_ downloading music from the Internet and our cat was (3) \_\_\_\_\_ at her. I said hello but she (4) \_\_\_\_\_ hear me, so I went directly to my bedroom. I (5) \_\_\_\_\_ plugging in a memory stick when I heard an explosion downstairs (6) \_\_\_\_\_ the lights went out. What was (7) \_\_\_\_\_ ? I went to the living room quickly thinking about my sister and (8) \_\_\_\_\_ I got there, I couldn't believe my eyes. Her mobile phone was on the television but it was on fire. My sister was (9) \_\_\_\_\_ it and something went wrong. Perhaps the battery ...



**Dictation**

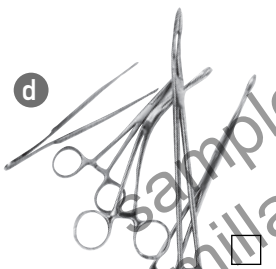
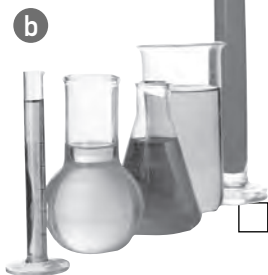
**06 Listen and write in your folder.**

# Vocabulary 2

## ► Jobs

1 Match some of the jobs 1–10 with the pictures a–f.

- |                        |                |
|------------------------|----------------|
| 1. builder             | 6. surgeon     |
| 2. technician          | 7. optician    |
| 3. journalist          | 8. bank clerk  |
| 4. computer programmer | 9. chemist     |
| 5. graphic designer    | 10. politician |



2 Complete the sentences with the correct job word from exercise 1.

- A \_\_\_\_\_ had an accident last Monday. He was standing on the roof of the house trying to repair it when he fell to the ground.
- A \_\_\_\_\_ was arrested yesterday because he gave an old lady some counterfeit bank notes.
- We'll call a \_\_\_\_\_ because our computer isn't working properly. We can't switch it on.

- My sister is really happy because she went to the \_\_\_\_\_ for a check-up and he told her she didn't need glasses.
- I can use some of the programs on my computer but there are two that I don't really understand. I'll ask a \_\_\_\_\_ to teach me how to use them.
- When Angelina Jolie appeared after her operation, the press asked her \_\_\_\_\_'s name because her recovery was really amazing.

3 Read the text in the speech bubbles and write the jobs.

1 *The operation was a great success. You'll recover very soon.*

2 *I can change many things. I'll work hard to improve our hospitals and schools.*

3 *I'm afraid I can't pay you this cheque because the signature is missing.*

4 *In our laboratory, we are trying to make new kinds of sun cream.*

5 *This photo is too big for this website. We should change it for a smaller one.*

6 *When did you start wearing these glasses, sir?*

7 *I'm afraid the wiring is faulty. If we change the wires, the computer will work properly.*

8 *When they built this wall, they used too little cement. We must repair this soon.*

## Grammar 2

### ► Comparative and superlative forms of adjectives

#### 1 Complete the sentences with the comparative form of the adjectives in brackets.

Picasso is more famous than Miró. (famous)

- The Pyramids are \_\_\_\_\_ than the Parthenon. (old)
- Tea is \_\_\_\_\_ for your health than coffee. (good)
- In most countries, football is \_\_\_\_\_ than basketball. (popular)
- English is an \_\_\_\_\_ language than Chinese. (easy)
- Love is \_\_\_\_\_ than money. (important)
- Sweets are \_\_\_\_\_ for your teeth than chocolates. (bad)

#### 2 Complete the sentences with the superlative form of the adjectives below.

dangerous • heavy • high • long • old • popular

The Sagrada Familia cathedral is the most popular tourist attraction in Barcelona. It gets more than two million visitors a year.

- \_\_\_\_\_ cave passage in the world is in Vietnam. It's 4.5 kilometres long.
- Loarre Castle is one of \_\_\_\_\_ castles in Spain. It's nearly 1,000 years old.
- \_\_\_\_\_ pyramid in the world is the Great Pyramid at Giza, Egypt. It's 138.8 metres high.
- North Yungas Road in the Bolivian Andes is \_\_\_\_\_ road in the world. Around 150 people die on it every year.
- \_\_\_\_\_ snake in the Amazon rainforest is the anaconda. It can weigh nearly 180 kilos.

#### 3 Complete the sentences with the comparative or superlative form of the adjectives in brackets.

Today is the longest day of the year in the South Pole. People will see the Midnight Sun. (long)

- Russia is \_\_\_\_\_ country in the world, but China's population is \_\_\_\_\_ than Russia's. (large / big)
- The Nile is \_\_\_\_\_ than the Mississippi River in the USA. (long)
- Mont Blanc is \_\_\_\_\_ mountain in Europe. It is 4,408 m high. (high)
- Sao Paulo is \_\_\_\_\_ city in Brazil with a population of 12,000,000. (big)
- Many people think that the star-nosed mole is \_\_\_\_\_ animal. (ugly)



#### 4 Write questions with *Which ...?* and a superlative adjective. Then write answers for you.

old building / your town

Which is the oldest building in your town?  
Santa Maria church is the oldest building in my town.

- good café / near your house

\_\_\_\_\_

- hot month / your country

\_\_\_\_\_

- expensive clothes shop / you know

\_\_\_\_\_

- noisy street / your town

\_\_\_\_\_

- bad actor / your country

\_\_\_\_\_

**5 Write questions for each answer.**

what / large / desert / world?

Which is the largest desert in the world?

I think it is the Sahara in Africa.

1. which / warm / sea / world?

\_\_\_\_\_  
Everybody knows it is the Red Sea.

2. Eiffel Tower / high / the Obelisk in Buenos Aires?

\_\_\_\_\_  
Yes, it is.

3. which / poisonous / snake / world?

\_\_\_\_\_  
Some zoologists believe it is the Death Adder.

4. Earth / small / planet / solar system?

\_\_\_\_\_  
Of course not.

5. which / successful / film ever?

\_\_\_\_\_  
Many critics think that *Gone with the Wind* was really successful.

## Listening

**6**  **07 Listen to a radio programme about an interesting website and answer the questions.**

- Who is Stephen Fry?  
\_\_\_\_\_
- What are they reviewing on the radio?  
\_\_\_\_\_
- What is a techno-geek?  
\_\_\_\_\_
- What did Lance do when he visited Stephen Fry's website?  
\_\_\_\_\_
- What collection does Stephen Fry have?  
\_\_\_\_\_
- What did John (the presenter) buy last week?  
\_\_\_\_\_

## Dictation

**7**  **08 Listen and write in your folder.**

### UPGRADE

#### Choose the correct answers.

New message

Recipients: Georgia

CC

CCO

From: Mary

Hi, Georgia!

I'm on holiday in Sicily. It's (1) ... island in the Mediterranean. The beaches here are more (2) ... the ones at home. You see, in ancient times, from about 800 BC, some Greeks lived in Sicily. Agrigento, a world heritage site in the south of Sicily, has (3) ... Greek temples outside Greece. If you are more interested in architecture (4) ..., this island is your place in the world. In fact, I think Sicily is one of (5) ... interesting places I've ever been to. It's (6) ... than England. The fruit and vegetables are (7) ... and the shoe shops are absolutely incredible! Besides, ice cream shops have (8) ... flavours! Yesterday I found an ice-cream shop selling onion ice cream! Don't worry. I didn't try it. I had the traditional pistachio one instead.

See you soon!

Mary



Send



- | A              | B                | C                |
|----------------|------------------|------------------|
| 1. bigger      | the biggest      | big              |
| 2. beautiful   | beautiful than   | more beautiful   |
| 3. larger      | enormous         | the largest      |
| 4. that me     | than me          | in me            |
| 5. more        | some more        | the most         |
| 6. warmer      | warm             | warmest          |
| 7. a lot cheap | a lot more cheap | a lot cheaper    |
| 8. the most    | more beautiful   | the most unusual |

## Reading

### 1 Read the text and answer the questions.

1. Was George Stephenson from a rich family? \_\_\_\_\_
2. Where did he and his father work? \_\_\_\_\_
3. What kind of energy did engines use in Stephenson's days? \_\_\_\_\_

## FAMOUS INVENTIONS AND INVENTORS

### GEORGE STEPHENSON

The English engineer George Stephenson was poor, but got rich and successful through intelligence and hard work. He built the world's first public railways line for steam locomotives. Because of this, he is sometimes called 'the father or railways'.

Stephenson was born in 1781 in Wylam, a small village in the north of England. His father worked in a coal mine. Everybody in his family was illiterate. George joined his father in the mines when he was a teenager. While he was working there, he attended night school and learned reading, writing and arithmetic.

Stephenson got the idea for a locomotive from his work in the mines. In those days, engines used only steam. The pumps for pumping water out of the mines used steam. One of Stephenson's jobs was fixing these pumps, so he learned a lot about steam engines. He wanted to design a steam

locomotive to pull the coal-carts in the mines. In 1814, Stephenson built his first locomotive - the Blucher. It could carry coal up a hill at 6.4 kilometres per hour, but it was very expensive to use.

In 1821, parliament decided the construction of a 40-kilometre metal railway line for coal-carts pulled by horses. But Stephenson asked the government to build a railway for locomotives. Then he and his son, Robert, helped to design it. It was thanks to this that the Stephensons started a company to make the steam locomotives for the Stockton and Darlington Railway which opened in 1825. The first train carried coal and flour and took two hours to go 15 kilometres.



### 2 Read the text again. Choose T (true), F (false) or NM (not mentioned).

1. George Stephenson never learnt to read or write. **T / F / NM**
2. He never liked spending money. **T / F / NM**
3. He started working in the mines before he was 20. **T / F / NM**
4. Stephenson fixed pumps in the mines. **T / F / NM**
5. The machines for pumping water out of the mines were dangerous. **T / F / NM**
6. His first locomotive was called Rocket. **T / F / NM**

### 3 Find the words 1–5 in the text and match them with the definitions a–e.

- |          |                                     |               |                          |
|----------|-------------------------------------|---------------|--------------------------|
| 1. coal  | <input checked="" type="checkbox"/> | 4. public     | <input type="checkbox"/> |
| 2. pump  | <input type="checkbox"/>            | 5. locomotive | <input type="checkbox"/> |
| 3. steam | <input type="checkbox"/>            |               |                          |

- a. the engine of a train
- b. a machine that pushes liquid up or down
- c. for everyone to use
- d. you burn this black mineral
- e. you get this wet substance when water is at 100°C

# Writing

## ► A thank you letter

### 1 Complete the letter with the sentences below.

And thank you for the presents. • School's OK at the moment. • The T-shirt is really cool too. • How is everything with you? • ~~It was great to see you at the weekend.~~ • Say hi to Adam and give my love to your parents. • How do you always choose exactly the right present? • I've got some amazing photos of the party.

Dear Alice,

It was great to see you at the weekend. I was really happy that my cousin and all my friends came to my party. I hope you were OK on the sofa on Saturday night.

(1) \_\_\_\_\_ I'm going to upload them on Facebook soon.

The best one is of you and me dancing around the fire!

Thank you so much for coming all that way. (2) \_\_\_\_\_

I wore the sunglasses to school yesterday and everybody wanted to try them.

(3) \_\_\_\_\_ Andy wants to buy it from me!! I said, 'No way!

Forget it,' and he looked really sad! (4) \_\_\_\_\_ Most girls don't know about things for guys, but you always get it right!

(5) \_\_\_\_\_ We've got a new maths teacher. She's brilliant. Suddenly, we all can understand our maths lessons. (6) \_\_\_\_\_

I hope your exams are going well.

(7) \_\_\_\_\_

Lots of love,

Ben



### 2 Write a thank you letter. Follow these steps:

- Think of a friend or relative. Answer the questions. Make notes.

Who is your letter to?  
What are you thanking him/her for?  
Why did he/she give you a present? (Birthday? Christmas? You passed an important exam?)  
Did the person visit and bring the present?  
Or did he/she send it?  
What's good about the present? (Useful? Cool? Very generous? Exactly what you wanted?)  
Did you have a party?

Did this person come to the party?  
Are you using the present already?  
Have you got any news? (About your family/school/hobby?)  
Did you do anything interesting last weekend?  
Are you going to see this person soon?  
(When? Why? Why not?)  
Ask your friend/relative for his/her news.  
How are you going to end the letter?

- Decide on the information you want to use in paragraphs 1–3. Write 1, 2 or 3 next to your notes.

- Write a first draft. Use the notes you made and the model text in exercise 1.
- Check your work and write the final copy.



## Unit check

1 Complete the phrases. Then match some of them with the pictures a–d.

- \_\_\_\_\_ a comment
- \_\_\_\_\_ a document
- \_\_\_\_\_ a mobile phone
- \_\_\_\_\_ in a memory stick
- \_\_\_\_\_ an email
- \_\_\_\_\_ to the Internet

a



b



c



d



2 Complete the sentences with the words below.

journalist • optician • chemist • politician • graphic designer • computer programmer

- Reginald's father is a \_\_\_\_\_. He has worked for the local paper since 2005.
- I think Julia's uncle is a \_\_\_\_\_. He's running for Member of Parliament.
- I'd like to become a \_\_\_\_\_. I find writing computer programs fascinating.
- Today I learnt that a \_\_\_\_\_ is someone who designs visual presentations.
- I cannot see well. I guess I have to go to the \_\_\_\_\_ soon.
- My eldest brother is a \_\_\_\_\_. He is really good at preparing medicines.

3 Choose the correct words.

- George **cooked** / **was cooking** lunch for us yesterday.
- My teacher **was leaving** / **left** school early today.
- Last week, Becky **didn't go** / **wasn't going** to London.

- Who **did you talk** / **were you talking** to in the street when I saw you?
- You **weren't listening** / **didn't listen** while I was talking.

4 Match the beginnings 1–6 with the endings a–f.

- |                                      |   |
|--------------------------------------|---|
| 1. The boy started crying            | a. when he got lost?                                  |
| 2. Where was Adam driving to         | b. while he was on holiday.                           |
| 3. Dad sent me a postcard            | c. when my computer crashed.                          |
| 4. I was plugging in my memory stick | d. while I was playing tennis.                        |
| 5. Were you watching TV              | e. when I turned on the radio while she was sleeping. |
| 6. Mum waited for me in the park     | f. while I was cooking dinner?                        |

5 Choose the correct answers.

I think that the (1) ... coastline in England is Cornwall. The water is (2) ... than in most places. Of course, the water isn't (3) ... in the Mediterranean, but it's not too cold. Newquay is probably (4) ... popular beach in Cornwall and lots of teenagers go there to surf. As you can imagine, it is also (5) ... than other beaches too. This is why I prefer Porthcurno. If you go there, you can swim, do water sports and visit the outdoor theatre on the rocks above the beach. It's got one of the (6) ... views in Cornwall.

Dorset has also got a wonderful coastline and Durdle Door is a real favourite. Most people say it is far (7) ... than all the other beaches in Dorset.

- | A                 | B            | C         |
|-------------------|--------------|-----------|
| 1. better         | best         | bigger    |
| 2. more warm      | the warmest  | warmer    |
| 3. warmer than    | the best     | warmest   |
| 4. more           | very         | the most  |
| 5. more crowded   | very crowded | the worst |
| 6. better         | best         | worse     |
| 7. more beautiful | best         | worse     |

## Infographics

Infographics or 'information graphics' are graphic representations of information. They present complex information quickly and clearly. Readers are more likely to read an infographic than a written article because it is based on visual reading and has very limited text.

### ► Let's discuss!

#### ① Read and answer.

1. What are infographics useful for?
2. What is the advantage of using infographics?

### ► Let's analyze!

#### ② Look at the example of this infographic. Then answer the questions.

**WEARABLE TECHNOLOGY**

### NEW TECHNO-ADAPTABLE RUNNING SHOES

Customized and personalized footwear for athletes and non-athletes

Cushioning that adapts to the user's foot anatomy

Strings that tighten and loosen according to movement

Regularized ventilation

Customized size and colour

**3D** printed materials

1. What's the main idea of this infographic?
2. Are infographics more attractive than a full text description of the product? Why?

### ► Let's do it!

#### STEP 1

Choose a topic related to technology:

- a. History of technology
- b. History of the TV/mobile phone
- c. A new technological device

#### STEP 2

Create an outline for an infographic about the topic of your choice.

#### STEP 3

Go online and search for an infographic-creating tool.

#### STEP 4

Select a template. Applications generally offer a library of template selection.

#### STEP 5

Create your infographic. Represent your ideas with clear phrases and images that sum up the concept.

#### STEP 6

Save your infographic and share it with your teacher(s) and classmates.

#### USEFUL LANGUAGE:

*scan photos / store data / charge an electronic device / go online / plug in a memory stick / download/upload a video clip / post a comment / connect to the Internet / download music files*