

Unit

4

Do You Know Where the File Is?

Warm-up

Share.

依例和同學分享自己心目中最實用的科技產品。

I think the smart door lock is very useful
because I can open the door without a key.

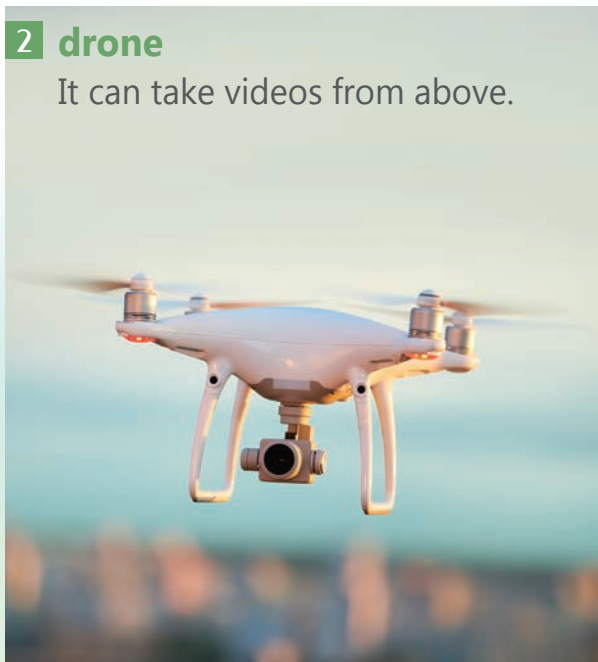
1 VR headset

I can experience the
virtual world.



2 drone

It can take videos from above.



3 smart water bottle

It reminds me to drink water.



4 smart toothbrush

It helps me build a good brushing habit.



5 smart door lock

I can open the door without a key.



- 📖 headset 頭戴式裝置
- virtual 虛擬的
- drone 無人機
- remind 提醒
- lock 鎖



A. Look and predict. 觀察圖片並預測可能聽到的內容。

B. Listen and share. 聽CD，並和同學分享聽到的內容大意。 CD2: 19-20

(At the school **gate**)

Mrs. Wei: You're late, honey. Don't you know what time it is?

Cody: Sorry, Mom. We made videos in class today. Ela couldn't remember where she saved her **file**, so I stayed to help her.

Mrs. Wei: I see. Next time call to tell me you'll be late.

Cody: Okay, Mom.

Mrs. Wei: How was school today?

Cody: We had a lot of fun in art class. We visited many museums through VR. Van Gogh even gave us a **quiz**!

Mrs. Wei: How interesting! When I was in school, we only had a **blackboard** and **chalk**. You guys are so lucky.

Cody: I think so, too.



應用字彙 CD2: 25

gate 大門

file 檔案

quiz 小考

blackboard 黑板

chalk 粉筆

honey 親愛的 (用於稱呼)

save 儲存

through 透過；憑藉

(At the door of their house)

Mrs. Wei: Cody, do you know why the **screen** is showing "**ERROR**"? I'm sure I pushed the right **buttons**, 5-2-5-7.

Cody: That's because you're still using the old code. Today is the first day of November, so you should **enter** the new code, 6757.

Mrs. Wei: Oh yeah, I remember now.



(Inside the house)

Mrs. Wei: I know what to do next. OK Google, turn on the lights in the living room.

(Mrs. Wei waits for the lights to turn on.)

Mrs. Wei: I'm not sure if it heard me. Nothing's happening.



應用字彙 CD2: 25

screen 螢幕

error 錯誤

button 按鈕；鈕扣

enter 輸入；進入

if 是否

認識字彙 code 碼

Cody: We changed the **wake word** last night, Mom. It's not Google anymore.

Mrs. Wei: Oh, right, but I forgot what it is.

Cody: No worries. OK Noodle, turn on the lights and play a song for Mom.

Mrs. Wei: It's the song "You're the One"! How did Noodle know **whether** I'd like it or not?

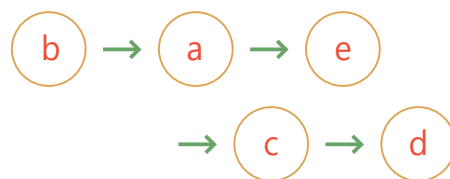
Cody: It has a **list** of your favorite songs, so it knows what to play.

Mrs. Wei: I love our smart house!



C. Put the sentences in order. 根據對話，依事件發生順序填入代號。

- a. Cody helped Ela find her file.
- b. Cody and his mom changed the wake word.
- c. Mrs. Wei couldn't wake up the smart house.
- d. The smart house played a song from the list.
- e. Cody helped his mom open the door.



Oral Practice: Asking for Explanation

Read and learn. 讀一讀，學習詢問某現象並回答。



Do you know why _____?



That's because _____.

Pair up. 依例，兩人一組練習描述圖片。

Example



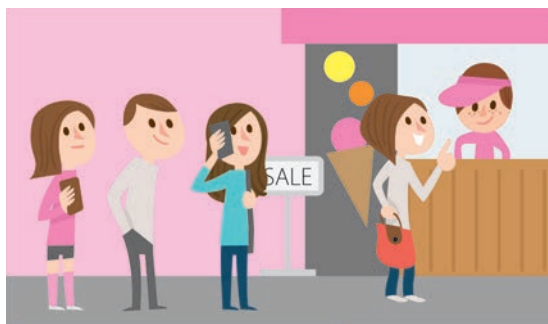
Do you know why the screen is showing "ERROR"?

That's because you entered the old code.

I see. Thanks for telling me.



- 1 There's a long line outside the ice cream shop.



- 2 The students enjoyed the math class.



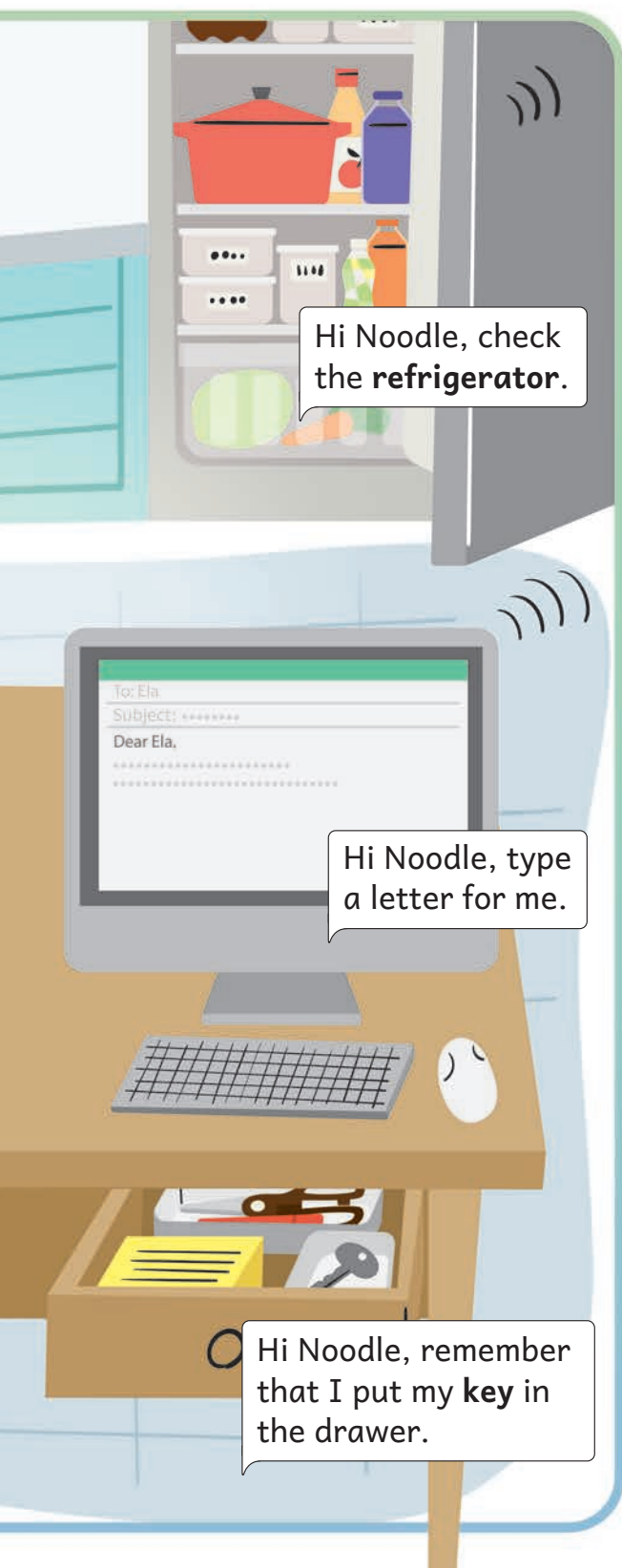
What Can You Ask Your Voice Assistant to Do?

Hi Noodle, turn on the coffee **machine**.

Hi Noodle, order a **dozen** eggs from the supermarket.

Hi Noodle, **upload** the photos to the cloud.

Hi Noodle, read my **e-mails** to me.



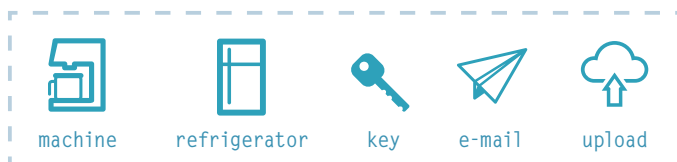
Read and circle. 根據文意圈出正確的答案。

1. A (coffee machine / **refrigerator** / fan) helps food stay cold and last longer.
2. We couldn't (list / **upload** / type) pictures to the cloud because there was no Wi-Fi.
3. Ms. Lynn can't open the door because she doesn't have the (voice / e-mail / **key**) with her.

Wi-Fi 無線相容性認證

Make a sentence. 想像你有語音助理。先幫語音助理命名，再利用下列提示字向它提出請求。

1. Name your voice assistant: _____
2. Write down what you want your voice assistant to do: _____



Example Hi Nini, how much milk do we have in the refrigerator?

- a. Hi _____ , _____

- b. Hi _____ , _____

應用字彙 CD2: 27

voice assistant 語音助理

machine 機器

dozen (一) 打

refrigerator 冰箱 (= fridge)

upload 上傳

e-mail 電子郵件

key 鑰匙

the cloud 雲端

type 打字

Grammar Focus 1

| | | | |
|---|--------------------|------|--------------------|
| Ⓐ | Please let me know | what | is going on. |
| | Do you know | who | pushed the button? |

Speak and write. 說說看、寫寫看。

Example

Who gave you the key?

→ Tell us **who gave** you the key.

1. Who opened my file?

→ Did you see **who opened** my file?

2. Whose watch is on the sofa?

→ I'd like to know **whose watch is** on the sofa.

3. What is wrong with the washing machine?

→ Does anyone know **what is wrong with the washing machine** ?

| | | | |
|---|-------------------|------|-----------------------|
| Ⓑ | Never tell others | what | your phone number is. |
| | Do you remember | who | these people are? |

Speak and write. 說說看、寫寫看。

Example

What are you worried about?

→ I understand **what you are** worried about.

1. When is the quiz?

→ Do you know **when the quiz is** ?

2. How far is it from here to the nearest bus stop?

→ Tell me **how far it is** from here to the nearest bus stop.

3. What is the weather like today?

→ I'm not sure **what the weather is like today** .

| | | | |
|---|----------------|-------|----------------------------------|
| C | Please tell me | where | the new refrigerator comes from. |
| | | how | they got to the school gate. |

Speak and write. 說說看、寫寫看。

Example

How many countries did the Hugo family visit last year?

→ Let's find out how many countries the Hugo family visited last year.

1. What does Grandpa like to have for breakfast?

→ Do you remember what Grandpa likes to have for breakfast?

2. How long does it take to fly from Tainan to Taipei?

→ Guess how long it takes to fly from Tainan to Taipei.

3. Why did the woman lie to us?

→ We don't understand why the woman lied to us.

| | | | |
|---|-------------|-------|--------------------------|
| D | Do you know | where | I should enter the code? |
| | | how | the man has been lately? |

Speak and write. 說說看、寫寫看。

Example

Who will you bring to the party?

→ May I ask who you will bring to the party?

1. When can we take a break?

→ I'd like to know when we can take a break.

2. Why should we take out the garbage every day?

→ I have no idea why we should take out the garbage every day.

3. Where have you been?

→ Can you tell me where you have been?

Grammar Focus 2

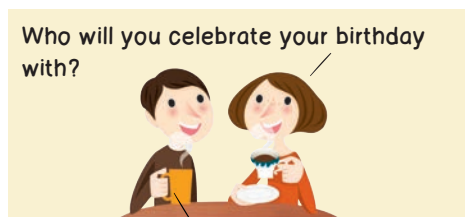
| | | | |
|-----------------|-------|----|--------------------|
| I don't know | what | to | do. |
| | who | | ask for help. |
| Can you tell me | where | | go? |
| | when | | start? |
| | how | | download the song? |

Speak and write. 根據圖片內容說說看、寫寫看。



Example John doesn't know...

John doesn't know where to buy fresh meat.



1. Have you decided...?

Have you decided who to
celebrate your birthday with?



2. The students forgot...

The students forgot which file
to upload.



3. Annie is thinking about...

Annie is thinking about what to
eat for lunch.



4. Can you tell me...?

Can you tell me how to choose a senior high school?

| | | | |
|-----------------|---------------|---|-----------|
| I asked her | whether if | she remembered the wake word | (or not). |
| Can you tell me | | she likes the smart house she could get into the house | (or not)? |

Speak and write. 說說看、寫寫看。

Example

Is there a truck in front of the gate?

→ They want to know **whether/if there is** a truck in front of the gate **(or not)**.

1. whether / Is the history museum open today?

→ Do they have any idea **whether** **the** **history** **museum**
is open today (**or** **not**)?

2. if / Does Mom like the new phone?

→ You can ask Mom **if** **she** **likes** the new phone
(**or** **not**).

3. whether / Will he write us an e-mail?

→ Do you know **whether** **he** **will** **write**
us an e-mail (**or** **not**)?

4. if / Did she clean the blackboard?

→ She forgot **if she cleaned the blackboard (or not)**
_____.

5. whether / Have they seen the latest horror movies?

→ We're not sure **whether they have seen the latest horror movies (or not)**
_____.

Reading

Before You Read

Making Connections 利用自身經驗，回答問題。

1. Have you ever used any smart devices, for example, smart phones, smart watches, or smart fridges?
2. How can a device be smart?




While You Read

Scanning 利用掃讀，快速在文章中找到問題的答案。

What is the idea of IoT?

- ☐ To design and sell smart products.
- ☐ To read shopping lists on the cellphone.
- ☒ To have devices share information with each other.

 device 裝置；器械



CD2: 28-29

Picture that you're shopping. You go into a store with no clerks or **shopkeepers**. Right away, your **cellphone** shows you where to find the things on your shopping list. You **collect** everything, and you leave the store. When you're **outside**, your phone tells you if the money has been paid from your online **wallet** successfully. Very convenient, isn't it? Well, thanks to IoT, there are stores just like this now.

應用字彙 CD2: 32

shopkeeper 店主

cellphone 手機

collect 收集

outside 在外面；外面（的）

wallet 錢包

IoT stands for Internet of things. The idea is to make things "smart" by connecting them to the Internet and having them share information with each other. For example, when you get home and are opening the door with your key, your phone will tell your house that you're back. So, even before you hit the **couch**, the **lamps** are already on and the TV is set to your favorite **program**. IoT makes our lives easier.

More and more companies are now designing IoT products. Soon, these **modern** products will be everywhere, and we won't even know they are there. No one can know for sure how IoT will shape our lives. We will have to **cross that bridge when we come to it**.



應用字彙 CD2: 32

couch 沙發

lamp 檯燈

program 節目

modern 現代的

cross that bridge when one comes to it 船到橋頭自然直；到時候再說

stand for 代表

set 設定

shape 塑造

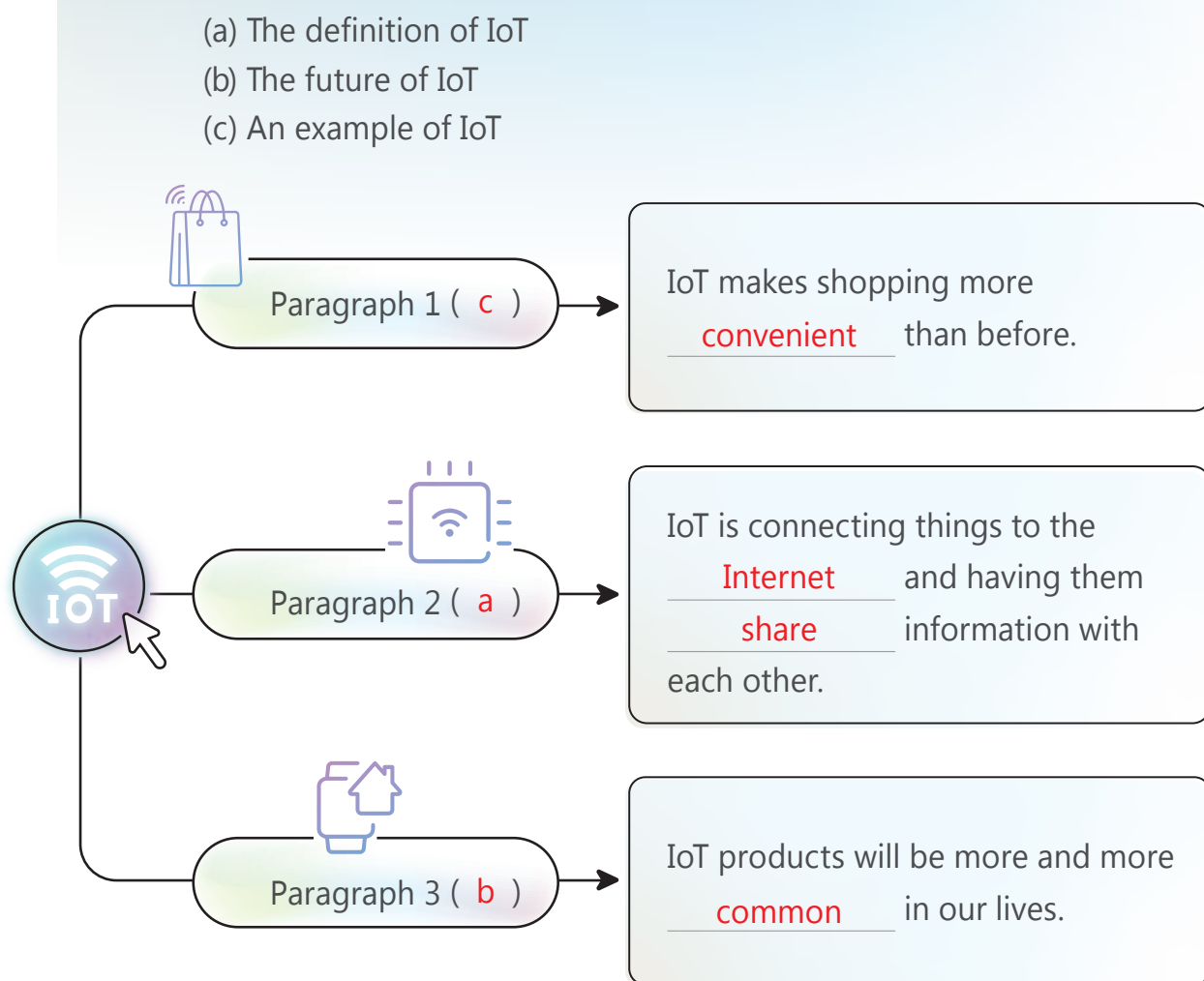
認識字彙 connect 連接

product 產品

everywhere 到處

After You Read

Using Graphic Organizers 根據文章內容，完成組織圖，並選出各段重點。



definition 定義

Reading Comprehension 根據閱讀內容，選出正確的答案。

(b) The writer said, "IoT makes our lives easier." Which is an example of the concept?

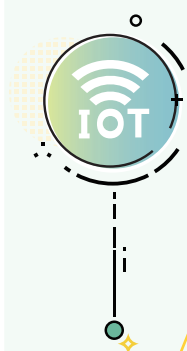
concept 概念

- (a) More and more companies are now designing IoT products.
- (b) Right away, your cellphone shows you where to find the things on your shopping list.
- (c) Soon, these modern products will be everywhere, and we won't even know they are there.

Activity

彈性使用

Read and think. 讀一讀，並思考for example在文章中的功能。



IoT stands for Internet of things. The idea is to make things "smart" by connecting them to the Internet and having them share information with each other.

Abstract
抽象

For example, when you get home and are opening the door with your key, your phone will tell your house that you're back. So, even before you hit the **couch**, the **lamps** are already on and the TV is set to your favorite **program**. IoT makes our lives easier.

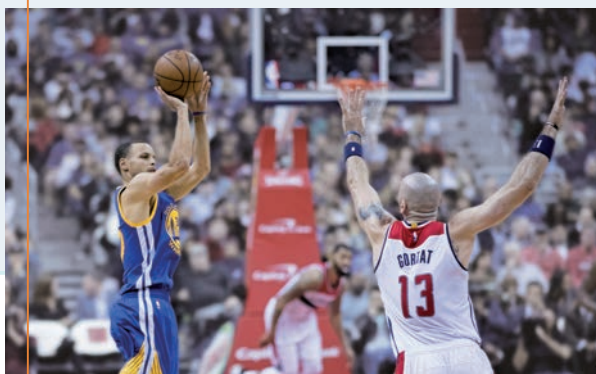
Concrete
具體

When writing about something abstract, we can give examples to explain it. This helps the readers understand the idea better.

Write. 仿造課文利用範例解釋VR的概念。



Virtual Reality (VR) is a way to experience an environment through computer technology without actually being at that place. For example, you can experience swimming in the sea even if you don't know how to swim / experience playing basketball with your favorite basketball player.



technology 技術

Murphy's Law


Picture it's breakfast time. You are going to take a bite of a nice, warm piece of toast. Then you drop it and it falls. You pray for it to land on the side without butter on. However, it lands butter-side down! This is a perfect example of Murphy's Law.



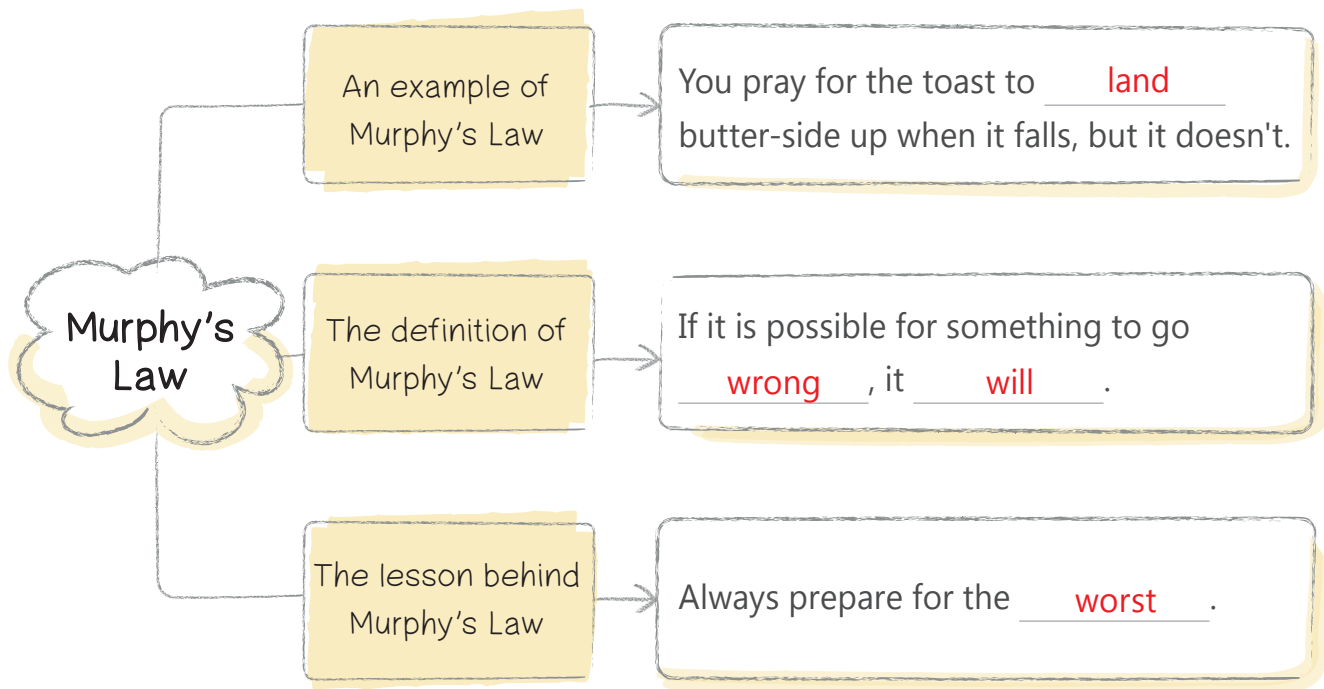
Have you noticed that it always rains when you least expect it? Or when you stand in line at a checkout, why does the line next to yours always seem to move faster? And why does your teacher always call on you when you don't know the answer to a question? If it is possible for something to go wrong, it will go wrong—this is Murphy's Law.

The lesson behind Murphy's Law is to be prepared for the worst. So, if you aren't ready for tomorrow's test, don't even *think* about cheating because you *will* get caught. Study hard!



 **butter-side** 有塗奶油的那面
notice 注意到
seem 似乎

A. Complete the graphic organizer. 根據文章內容，完成組織圖。



B. Choose the correct answer. 根據文章內容，選出正確的答案。

1. (a) Which is NOT an example of Murphy's Law?
 - (a) When you forget your wallet, someone pays for you.
 - (b) You just finished washing your car, and it starts to rain.
 - (c) The school bus always comes late when you have a test on that day.
 - (d) You need to talk to someone right away, but they aren't answering the phone.
2. (c) Which of the following is NOT a lesson from Murphy's Law?
 - (a) Always have more than one plan ready.
 - (b) Hope for the best, but prepare for the worst.
 - (c) Everything will go wrong, so we don't need to try hard.
 - (d) Anything can happen, so we always need to be prepared.



辨識句意

A. Listen and choose the correct picture. 根據聽到的句子，選出符合描述的圖片。 CD2: 33

1. (a) (a)



(b)



(c)



1. The shopkeeper found a wallet on the couch.

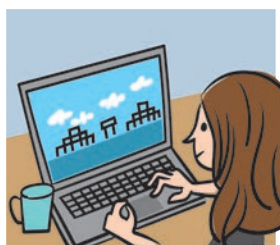
2. (a) (a)



(b)



(c)



2. The woman is uploading a file to the cloud.

基本問答

B. Listen and choose the correct answer. 根據聽到的內容，選出最適合的回應。 CD2: 34

1. (c) (a) I'm not sure whether you remember or not. 1. I forgot where I put my key again.
(b) Don't you know which key to use to open the gate?
(c) That's why you should always put it in the same place.
2. (a) (a) Yes. I made a list. 2. Do you know what we should get from the store?
(b) No, we don't need a dozen eggs.
(c) No, the store doesn't sell that product.

言談理解

C. Listen and choose the correct answer. 根據聽到的內容，選出最適合的答案。 CD2: 35

1. (b) (a) A fan. 1. M: Look at this. There's water coming out from under it. Something's wrong. Don't you think we need a new one?
(b) A refrigerator. W: I don't think so. I think it's still working very well.
(c) A washing machine. M: Very well? It can't even keep the food cold. Last time I put the ice cream inside, and it turned into milk shake. Q: What may the man and the woman be talking about?
2. (a) (a) It is a voice assistant. 2. M: The newest Cyril on your phone will make your life easier. With Cyril, you can do all kinds of things. You can save phone numbers or e-mail addresses without typing them yourself. You can also get tips on what to wear because it always keeps an eye on the weather. It can even teach you Chinese. Say "Hey, Cyril. Tell me how to say *good morning* in Chinese." and you can get the answer right away. Q: What do we know about Cyril?