

Listening Comprehension

Part 1

Listen to the conversation and choose the correct answer, A, B or C.

- 1 Rabbie is a(n) _____ at Edinburgh Downs Secondary.
A teacher B student C visitor
- 2 The Arduino is a _____.
A coffee machine B laptop C simple computer
- 3 The Arduino is a(n) _____ invention.
A Italian B American C British

Part 2

Listen to the conversation and choose the correct answer, A, B or C.

- 4 Apple says code-writing with the Arduino is _____.
A easy B more fun C very hard
- 5 Who buys the Arduinos used in Apple's classes?
A the school B Apple C the students
- 6 Apple thinks it's important for students to learn to _____.
A write code B use social networking C surf the net and write code

Part 3

Listen to the conversation. Write True (T) or False (F).

- 7 Raspberry Pi and the Arduino are not very similar. _____
- 8 Raspberry Pi is better than the Arduino at numbers problems. _____
- 9 Beaglebone is a British invention. _____
- 10 Apple only likes and wants schools to use one of the three devices. _____

Reading Comprehension

A. First read the text. Then answer the questions.

Relax

Are you always stressed or *anxious*? Well, be careful. Stress is a leading cause of serious health problems, both physical (like heart attacks) and mental (like depression). You need to relax!

It's very hard to stop yourself from getting stressed. The 'stress response' is a natural reaction to difficult situations. Your heart rate usually quickens and maybe you also feel a little sick or breathless. It's scary ...

So, OK ... yes, it's hard to *prevent* stress – it happens, but the good news is that it is possible to make yourself relax. Here are some tips on how to 'de-stress':

- ✓ Find a 'green space' (like a park) and take a walk – ten minutes is enough. This helps to clear your head.
- ✓ Breathe slowly and deeply. This tells your body to calm down. Shallow breathing, on the other hand, can actually cause stress.
- ✓ *Visualise*: close your eyes and try to picture a peaceful, relaxing scene, like a beautiful place for a holiday.
- ✓ Eat a snack, like some fruit or nuts – but not quickly. Do it slowly, thinking about how the food tastes and feels. Enjoy the experience.
- ✓ Put a plant in your room. Plants help to *relieve* stress and make people more relaxed.
- ✓ Take frequent breaks from your computer. Don't look at it all the time and don't use it late at night. Late-night computing causes sleep problems and depression.
- ✓ Put on some music. Classical is known to help people relax, but any music you love will have a positive *effect* on your mood.
- ✓ Laugh: laughing is the best medicine. Find a funny friend to talk to or watch a silly video on the internet.
- ✓ Eat a banana. Bananas contain potassium, which helps keep your heart healthy. Scientists think potassium can also protect you from the negative effects of stress.

Match the definitions (A–G) to the words in the text (1–5). There are two definitions you do not need.

- | | | | | |
|---|-----------|---|---|----------------------------------|
| 1 | anxious | — | A | make something less of a problem |
| 2 | prevent | — | B | worried about something |
| 3 | visualise | — | C | the result of something |
| 4 | relieve | — | D | stop something from happening |
| 5 | effect | — | E | make a picture in your mind |
| | | | F | cause something bad |
| | | | G | draw or paint something nice |

B. Write True (T) or False (F).

The text says ...

- | | | |
|----|---|---|
| 6 | it's not easy to stop stress from happening. | — |
| 7 | walking anywhere for ten minutes helps you relax. | — |
| 8 | go on holiday to a beautiful place to de-stress. | — |
| 9 | only classical music is good for helping us relax. | — |
| 10 | a type of fruit can help you stay healthy when you're stressed. | — |

Vocabulary

A. Complete the text with the words in the box.

browser map message note store

My new phone's really cool. There are lots of games for it in the app (1) _____. I want to play them all, but for now I just get the free ones. There are lots of other free apps too. My favourite is the (2) _____s app – it shows me the way to places I want to find. The videos app is also good – the picture's really clear on my screen. Like most phones, it can send text (3) _____s and emails. It also has a web (4) _____ so I can use the internet. The best thing about it is the (5) _____s app, though. My teacher lets us use our phones in class and it's really helpful for writing important things she says down.

B. Choose the correct options to complete the text.

My new printer's great. I don't need to connect it to the computer's USB (6) **monitor / port** because it uses Bluetooth instead. And the images it prints are really good. A lot of my other devices use Bluetooth too. My (7) **keyboard / microphone** isn't connected to my computer but I can still write messages on it. My (8) **mouse / webcam** isn't connected either, but I can still move it around and click on things. My (9) **speakers / ports** use Bluetooth too and the sound from them is really clear. My (10) **headphone / webcam** doesn't use Bluetooth, though, so when I want a person I call to see me, I need to connect it to my computer.

Grammar

- A. Complete the text with the words in brackets. Use the present simple form of the verb. One answer also needs a question verb, eg *Do*.

My brother Tom (11) _____ (do) his homework before dinner every night. He's really kind and clever so after dinner he teaches me maths. I mean, really 'teaches' – he's better than my actual teacher in school ... She speaks too fast and (12) _____ (not explain) things properly. I'm really bad at maths but with Tom's help I do OK. I feel like I can (13) _____ (ask, always) Tom for help. (14) _____ (say, often) 'no'? No, he doesn't. Well, hardly ever – only when he has a really good reason. Besides, he (15) _____ (say) he wants to be a teacher so it's good practice.

- B. Write *the, a, an* or – (for no article) in each gap.

(16) _____ best app in my phone's app store is *Perky Penguin*. It's a lot of fun.
(17) _____ story's about a happy penguin called Perky who lives in the Antarctic. Perky's dream is to go on holiday to Hawaii. In the game, you play as Perky on his exciting journey to
(18) _____ Hawaiian islands. But there's a problem – it's not (19) _____ free game.
Well, it's not free in (20) _____ UK, but, for some reason, it is free in the rest of Europe. That's not fair ... I don't have the money to buy it. Luckily, my best friend lets me play *Perky Penguin* on his phone.