Science and technology

1. Match the words from the texts (1–8) with the definitions (a–h).
   - High-tech (text 1)
   - Gadget (text 1)
   - Online (text 1)
   - Laser (text 2)
   - Phenomena (text 4)
   - Researcher (text 4)
   - Theory (text 4)
   - World Wide Web (text 6)

   a. equipment that produces a powerful beam of light
   b. idea that tries to explain something
   c. events that are hard to explain
   d. show how something works
   e. using the most modern technology
   f. a person who studies a subject in detail
   g. a small box in a machine that helps you do something
   h. connected to the Internet

2. Decide which of the following are parts of a computer (C) and which relate to the Internet (I).
   - World Wide Web
   - Download
   - Online
   - Virtual
   - Website
   - Interactive
   - Search
   - Forum
   - Software
   - Hard drive
   - Chat room

3. Complete the sentences with the words from Exercise 2.
   A. When you type something on the computer, it’s a good idea to save it onto the __________ or onto a CD.
   B. You change the position of the cursor on your computer screen by moving the __________ with your hand.
   C. Jane Smith cans be an algorithm computer game where you have real life behind and enter the world of __________.
   D. You should take care that a person meet in an Internet __________ if you were they are.
   E. I managed to __________ all the information I need for my essay from the Internet.

4. Match the subjects (1–6) with the areas of study (a–f).
   - Astronomy
   - Biology
   - Chemistry
   - Geology
   - Mathematics
   - Physics
   a. Living things
   b. The structure of objects
   c. Numbers and shapes
   d. Rocks and soil
   e. Stars and planets
   f. Chemicals

5. Choose the correct word to complete the sentences.
   a. Astronomers have discovered/invented a new planet outside our galaxy.
   b. Scientists are searching/researching the causes of cancer.
   c. We carried out an interesting experiment/theory in our chemistry class today.
   d. You press the delete switch/key on your computer, you lose your work.
   e. The printer won’t work unless you plug it into the socket.

6. What gadgets do you use regularly? Make a list and put them in order of importance in your life.

7. The passive

   The passive: be + past participle:
   Active → They launched the website . . .
   Passive → The website was launched . . .
   
   1. Who does the action is unknown or not important.
   2. This unique science museum was opened in 1983.
   3. The letter was sent on 11th June 2005.
   4. The target has reached the final destination.

   Grammar Zone

   a. The sentence is formal. 
   b. The sentence is informal.
   c. Additional information is not needed.
   d. The sentence is not possible.

   Passive verbs:
   - was, were
   - is, are
   - have been
   - has been
   - been

   Inactive verbs:
   - was, were
   - is, are
   - have been
   - has been
   - been

   We use passive forms when the subject is not the one that performs the action.

8. Rewrite the sentences in Exercise 1 in the passive. Use by + someone only where necessary.
   1. They are screening Superman Returns at the moment.
   2. Superman Returns is being screened at the moment.
   3. They are showing a video clip from the first movie.
   4. They are showing a video clip from the first movie.

9. Rewrite the sentences in the passive. Start with a person.
   1. Someone is giving a lecture on science.
   2. Someone is giving a lecture on science.
   3. They are showing a video clip from the first movie.
   4. They are showing a video clip from the first movie.

10. Complete the text with the correct form of the verbs in brackets.

   "Invisibility is a common theme in modern fiction. In The Lord of the Rings, the Harry Potter books, Harry Potter, invisibility cloak, which allows him to hide from danger. And in the TV series Star Trek, alien species appear and disappear. Special technology when they want."

11. Memorize

   Remember! When you collect vocabulary, group words into topics where possible, it’s easier to form groups of similar words together.

   Do this connection with a partner. Each of you write down as many words as you can on the topic of science and technology. Count up your words and see who is the winner.