

Match words with definitions:

1. tutorial	a) to distinguish or recognize the differences between things or people
2. visionary	b) describes a situation where people work together as a team
3. guidance	c) to gradually develop, strengthen, or accumulate something over time
4. to differentiate	d) a person who has creative and innovative ideas about the future
5. to facilitate	e) activities or experiences that involve communication or interaction between people or between a person and a computer or device
6. collaborative	f) to increase the rate or pace of something
7. interactive	g) a lesson or a set of instructions that helps you learn how to do something
8. to emphasize	h) relates to mental processes, such as thinking, learning, and remembering
9. to speed up	i) to make something easier or smoother
10. to build up	j) advice, direction, or support provided to help someone make something
11. cognitive	k) to give special importance or attention to something

Find synonyms:

TO DEVELOP

DIRECTION

INSTRUCTIONAL

TUTORIAL

TO HIGHLIGHT

**TO
DIFFERENTIATE**

COLLOBORATIVE

INTERACTIVE

ENGAGING

TO ASSIST

**TO
FACILITATE**

MENTAL

TO BUILD UP

TO EMPHASIZE

GUIDANCE

INNOVATIVE

VISIONARY

**TO
DISTINGUISH**

COOPERATIVE

COGNITIVE

Fill in the missing words:

1. I watched a helpful _____ online to learn how to cook a new recipe.
2. It's important to _____ between right and wrong when making ethical decisions.
3. Reading challenging books can improve your _____ abilities and critical thinking skills.
4. Regular exercise helps _____ your physical strength and endurance.
5. Steve Jobs was a _____ who revolutionized the technology industry with his innovative ideas.
6. The _____ effort of the scientists led to a groundbreaking discovery.
7. The _____ exhibit at the museum allowed visitors to explore history in an engaging way.
8. The software was designed to _____ efficient communication within the team.
9. The speaker wanted to _____ the importance of environmental conservation during the presentation.
10. The teacher provided _____ on how to solve complex math problems.
11. We need to find a way to _____ the production process to meet the deadline.

Listening

1 Work in groups. Discuss these questions.

- 1 How do you get computer viruses?
- 2 Have you, or anyone you know, ever had a computer virus? If so, what happened?

2 a) Check these words with your teacher or in a dictionary.

a PC damage crash spread infect access

b) R7.8 Listen to the beginning of a lecture about computer viruses. Match the names in A to the facts in B.

A

- 1 John von Neumann ...
- 2 Frederick Cohen ...
- 3 Basit and Amjad Alvi ...
- 4 Melissa and Love Bug ...
- 5 Sven Jaschan ...
- 6 Trojan Horses ...

B

- a) created the first ever computer virus.
- b) predicted computer viruses in 1940.
- c) allow other people to access your computer.
- d) were famous viruses in 1999 and 2000.
- e) wrote the Sasser Worm virus.
- f) first used the word 'virus' in 1983.

c) Listen again. Answer these questions.

- 1 How are computer viruses similar to flu viruses?
- 2 Why did Basit and Amjad Alvi create the Brain virus?
- 3 Was the Brain virus very dangerous?
- 4 Where did Sven Jaschan write his virus?
- 5 Why was the Sasser Worm virus so dangerous?
- 6 If there's a Trojan Horse on your computer, what can people steal from you?

Reading and Vocabulary

4

Work in two groups. Group A, read about David L Smith. Group B, read about Onel de Guzman. Answer these questions.

- 1 Which country is the person from?
- 2 Which virus did the person create?
- 3 Why did the virus have that name?
- 4 How did the virus travel from computer to computer?
- 5 How much did the virus cost businesses?
- 6 Did the person go to prison?

<http://www.viruswriters.com/melissa>

David L Smith

David L Smith created **the Melissa virus** in 1999 while he was working for **a company** in New Jersey, in **the USA**. The American computer programmer named the virus after **a dancer** he knew while he was living in **Miami**, Florida. At that time Melissa was **the worst** virus there had ever been and it crashed **email systems** around the world, including those at Microsoft and Intel. The way the virus worked was simple. As soon as it infected **a computer**, it forwarded itself to the first 50 email addresses in **the computer's** address book. Because people thought that the emails were from friends or colleagues, they opened them immediately, which allowed the virus to infect their computers. The Melissa virus cost businesses more than \$80 million in North America alone, mostly in lost work time. However, because Smith helped the police catch other virus writers, he was only sent to **prison** for 20 months.



www.viruswriters.com

<http://www.viruswriters.com/lovebug>

Onel de Guzman

In May 2000, Onel de Guzman, **a student** from **the Philippines**, was arrested for creating **the most famous** virus in history while he was studying computing at **university**. The Love Bug virus came as **an email attachment** which said "I love you". People thought **the attachment** was a love letter, so they immediately opened it. The virus sent itself to everyone in their address book and then deleted important files on the computer's hard disk. Even when people thought they had got rid of the virus, it was clever enough to sit waiting in **an unopened file**. The virus spread around **the world** extremely quickly and after only one day about 45 million computers were infected. Love Bug did a lot of damage to **businesses** in **Asia**, Europe and the USA, and cost them over \$10 billion. Fortunately for him, Onel de Guzman wasn't sent to prison because at that time there were no laws in the Philippines for computer crime.



<http://www.viruswriters.com>

Reading

1 Read the article and write questions a)–e) in the correct places 1–5.

- ~~What is spyware?~~
- How do I get rid of it?
- What can it do?
- How does it get on to my computer?
- Is spyware a common problem?

Spyware

Nobody likes a computer virus, but at least you can get rid of it. And there is a lot of anti-virus software these days. It can find a virus, fix it and you can forget about it. Unfortunately the same isn't true for spyware.



1 What is spyware?.....

Spyware is software that hides somewhere on your computer. It collects information about what you do on the Internet and passes this information to companies without your permission. If you shop on the Internet and use your credit card, you should know that some spyware can record this information!

2
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Your computer can catch spyware in lots of ways. If you open the *wrong* email, or even visit the *wrong* website, spyware can download itself onto your computer. And spyware often comes with free software.

3
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Most spyware just collects information about your surfing habits for advertising reasons. But some spyware can be more powerful and will often make your computer slower. Adware is a type of spyware which is advertising software. It makes 'pop-up' advertisements appear while you are connected to the Internet. Not dangerous ... but very annoying.

4
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If this is the first time you've heard of spyware, you've probably got some on your PC. Surveys have found that 90% of computers have several pieces of spyware on them. And spyware will stay on your computer for a long time, quietly collecting information and sending it back to its authors.

5
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There is some anti-spyware software that will remove most of your problems. However, some anti-spyware software is spyware itself, so be careful! For a complete list of software, go to spywarewarrior.com.

2

Read the article again and answer these questions.

1 Why can it be difficult to find spyware?

Because it hides on your computer.

2 Why is spyware important if you buy things online?

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3 Can you get spyware if you're not using the Internet?

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4 What kind of information can spyware collect?

.....

5 Why does most spyware want this information?

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6 How might you know your computer has spyware on it?

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7 What percentage of computers are not infected with spyware?

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8 What advice is given about removing spyware?

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