

READING

1. Here you can read six pieces of news extracted from a computer journal. Read them and match them with the headings below.

- Computer Scientists Develop New Kid-friendly Programming Language
- Cell Phone Memory Doubled Through Software Alone
- Software Engineers Allow PCs to Scan Mobile Devices for Viruses
- Computerized Pistol Engineered to Recognize the Grip of its Owner
- Computer Engineers Develop Clothes that Sense and Interpret Movements
- Online Game Helps People Recognize Internet Scams



Researchers have designed, built and tested a handgun that will fire only when its component circuitry and software recognize the **grip** of an authorized shooter.



Computer scientists have found a way to make computer programming visual. **In-**
stead of using numbers, letters, and punctuation like other programming languages, Alice uses three dimensional figures placed in a storyline. Users select from a gallery of characters and backgrounds, then select the character's movements **through** a **pulldown menu**.

Carnegie Mellon University computer scientists have developed an interactive, online game **featuring** a little fish named Phil that can teach people how to better recognize and avoid email “phishing” and other Internet **scams**.

Play the game at: http://cups.cs.cmu.edu/antiphishing_phil/

Computer engineers at Northwestern University and NEC Laboratories America, Inc. have developed technology that doubles the usable memory on cell phones and other embedded systems **without** any changes to hardware or applications.

New “electronic textiles” could help monitor the activities of patients with chronic illnesses. Computer engineers have developed pants with sensors **embedded** in the fabric that measure speed, rotation and flexing, and send wireless signals to a computer. Researchers plan to integrate computers into shirts,



2. Now match the news extract number with the uses of the inventions listed below.

Uses of the different inventions	Extract N.
This invention will be used to detect and delete viruses from mobile devices.	4
This invention will be used to fight the illegal use of arms.	
This invention will be used for people with chronic illnesses.	
This invention will be used to increase the memory of mobile devices.	
This invention will be used to prevent Internet frauds.	
This invention will be used for computer programming.	

GRAMMAR

3. Look at the sentences in exercise 2 and translate the words to and for. Then complete the sentences in the table.

TO: _____

FOR: _____

	TO	FOR
Before a verb you use		
Before a noun you use		

4. Write down 6 examples of Present Perfect Tense from the news extracts. Specify the extract n.

1.

2.

3.

4.

5.

6.

5. Translate the sentences containing the examples in exercise 4:

1.

2.

3.

4.

5.

6.

6. Make questions about the words in bold.

1. Computer scientists have found **a way to make computer programming visual.**

2. **Software engineers** have developed an application that allows a PC to scan the memory of a mobile device.

3. Computer engineers have developed **pants with sensors embedded in the fabric.**

4. Researchers plan **to integrate computers into shirts, hats and gloves.**

5. Alice uses **three dimensional figures placed in a storyline.**

6. Hackers are starting to spread **viruses that can infect them.**

VOCABULARY

7. Find the words and phrases in the text that mean:

1. proved (extract 1) _____
2. shoot (1) _____
3. invented and built (2) _____
4. propagate or circulate (4) _____
5. permit (4) _____
6. observe or supervise (5) _____
7. estimate or determine (5) _____
8. evade, keep away from (6) _____

8. Match the highlighted words in the text with the translations suggested below.

1. En tanto que:
2. Agarre / sujeción:
3. Insertados:
4. Sin:
- 5: cuyo personaje principal es:
6. en vez de:
7. fraude:
8. manú desplegable:
9. através de:

9. Search the text and find 3 examples of compound nouns.

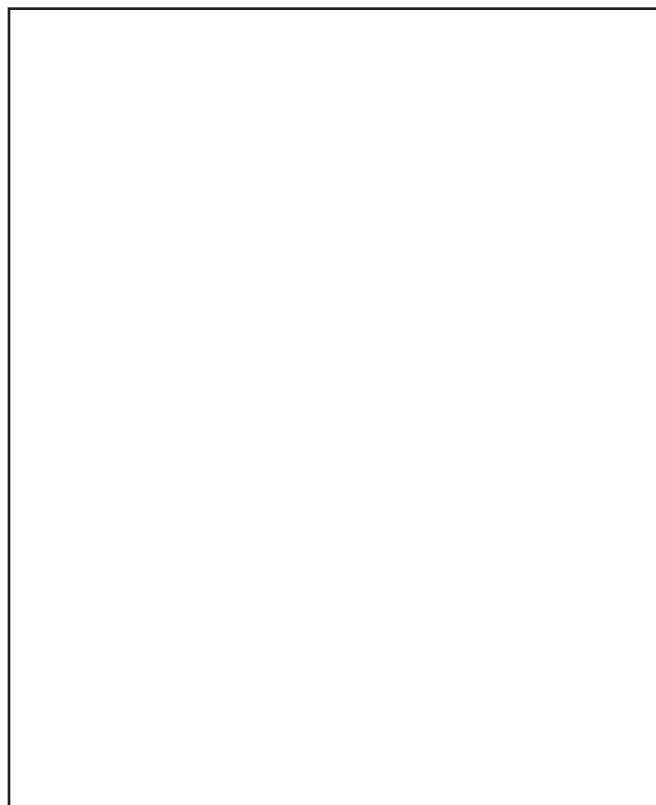
1. _____
2. _____
3. _____

10. Translate the compound nouns in exercise 9

1. _____
2. _____
3. _____

WRITING

11. Try to think about a technology you would like to invent, or about a computer service you would like to provide. Describe it and explain what it will be used for.



SPEAKING

12. What is your favourite story? Which full story would you like to read? Write the headline of the story you would like to read and find more people in the class with the same preference