

# TRABAJO PRACTICO N° 8

## Computer Magic

# INGLES

### SKILLS FOCUS

#### Before you start

1 Match the Key Words with these parts of the body.

mouth, brain, eyes, ears, fingers

#### KEY WORDS

feel, hear, move, see, speak, think, touch

#### Reading

2 Read the article. Write three ways computers can help disabled people.

#### Example

Computers can help blind people to 'see' using ...

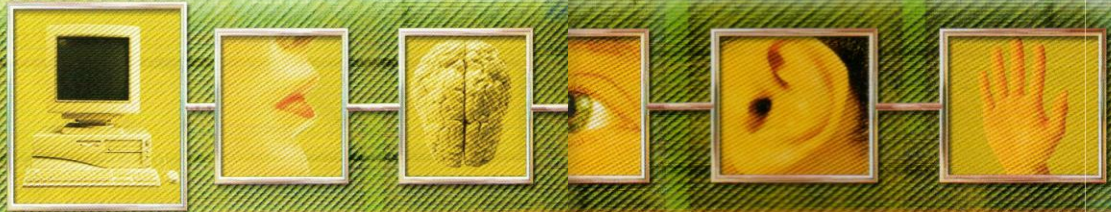
3 What do the underlined words in the text refer to?

#### Example

them = some disabled people

4 Which invention do you think is the most useful? Why?

5 Answer the questions about the text



Can you hear or feel pictures? Can you move something without touching it? Dan Jellinek went to Los Angeles and found out that you can do all these things ... and more.

1 Computers have started to change the lives of some disabled people. They can help them to communicate and to live more independent lives. The 14th international conference on computers and disabled people showed some exciting examples.

2 What does a Picasso painting sound like? **VOICE** is a program that changes pictures into sounds. Different colours and shapes have different sounds. Blind people can listen to the sounds and 'see' them by using their ears.

3 How can a blind person see a computer screen? The program **MouseCAT** changes pictures into vibrations on the screen. Blind people can touch the screen and 'look at' the images. They can also use this program to change texts into speech.

4 How can you use a computer with your mind? **Mindmouse** can identify brain activity. It is like a hat. You put it around your head. You can then operate the computer by thinking.

5 How can you communicate with no words?

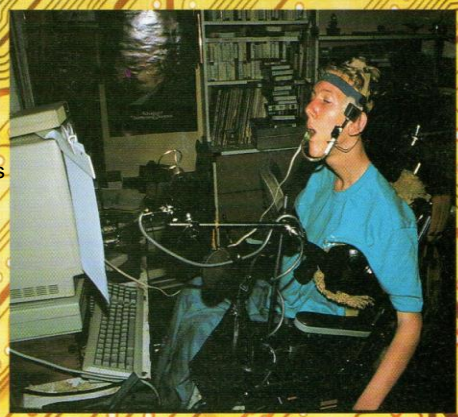
**CharM** is a computer system that can identify people's emotions. In this way, people who can't speak can communicate how they feel to other people.

6 How can disabled people become more independent?

**Handy 1** is a robot arm with five different kinds of movement. It can help very disabled people do activities like eating and drinking.

7 How can disabled or very ill children make friends?

It is often difficult for them to meet other children. **DO-IT** is an Internet program that helps them to get help and support from other children who have suffered the same problems.



- 1 Have computers started to change the lives of some disabled people?
- 2 What has the program **Voice** accomplished?
- 3 Has **Mindmouse** operated computers by thinking?
- 4 Has **CharM** been made to help communicate people who can speak?
- 5 what program has helped disabled or very ill children to meet other children?

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