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| **INGLÉS**  **TASK UNIT 8** | **APELLIDOS:** |
| **NOMBRE:** |
| **AULA :** |

**OBSERVACIONES**: Recuerda que las tareas se deben realizar **después de haber trabajado la unidad en su totalidad**.

Recuerda también que la tarea es **individual**.

**READ THE TEXT AND DO THE EXERCISES**

**FLEXIBLE SCREEN TECHNOLOGY**

Can you imagine having flexible computer screens and mobile phones which change shape to tell you when you have a new message? It sounds like a crazy idea, but in fact it's already been invented!

**As thin as paper**

In the future, the mobile phone will be our flexible friend. It will be able to change shape to tell us when we receive a message. Scientists at the Human Media Lab in Canada have created a model called MorePhone. It’s based on flexible plastic technology developed in Cambridge in the UK by an organisation called Plastic Logic. Rachel Lichten, who works at Plastic Logic, describes how the scientists have developed a process for manufacturing flexible plastic displays which are as thin as paper. They copy the appearance of writing on paper and use a type of plastic to create layers of electronic transistors.

**Screens you can jump on**

The flexible screens can be any size, and are easy to read in direct sunlight. They can be black and white or colour and are very thin and light – Lichten says you can even jump on them. They use very little power, so there is no need for large batteries, and this makes them easy to carry around. Lichten says this technology could be used for heart monitoring, smart-watches, second screens for mobile phones – because the image does not disappear, your phone can keep your boarding card details for a flight for example even when your phone’s battery is dying. Plastic Logic is also working with a Japanese company who make giant electronic signs.

**Next generation of electronic gadgets**

Plastic Logic has spent 13 years developing this new technology. Their challenge now is to help customers to think of new ways to use it. Lichten says it is always the same with new technologies. She says ‘bringing new technology to the market is a challenge, especially because it is revolutionary. However, for the next generation of products, you have to know what the next generation of products will be.’ Working with mobile phones or laptops that can roll up like a piece of paper could turn hardware into ‘flexi-ware’.

**1. Read these sentences and say if they are TRUE or FALSE. (3 marks)**

1. British scientists created the MorePhone. \_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. The flexible screens will be easy to break. \_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. The flexible screens will need quite big batteries. \_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. This technology could be used in the field of medicine. \_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. This technology could be useful at an airport. \_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. People already know all the ways this new technology can be used.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2. Answer the following questions with information from the text. WRITE FULL SENTECES (2 marks)**

1. Why is the flexible technology a crazy thing?
2. What will flexible screens be like?

**3. Match the words from the text with their definition or synonym. (1 mark)**

1. manufacturing \_\_\_\_\_\_\_ a. a portable computer small enough to use on your knee
2. a challenge \_\_\_\_\_\_\_\_ b. the physical parts of a computer system
3. a laptop \_\_\_\_\_\_\_\_ c. making a large amount of something using machinery
4. hardware \_\_\_\_\_\_\_\_ d. a difficult but stimulating thing

**4. Circle the correct answer. (1 mark)**

1. My mobile phone was broken so I ………… send you a whatsapp.
2. couldn’t b. shouldn’t c. can’t
3. Be quiet, we ……….. make noise in a library.
4. must b. mustn’t c. should
5. Future smart phones ……………. be really expensive.
6. probably going to b. will probably c. are probably going to
7. To see the end of the document you’ll have to ……………
8. scroll down b. open folder c. copy and paste
9. **Write a paragraph describing your plans for the next holiday.**

Include plans and predictions about people, transport and places.

Express possibility, obligation and advice.

**Give detailed information on every aspect. Write 60 to 75 words. (3 marks)**

**Don’t forget to organize your writing in paragraphs.**