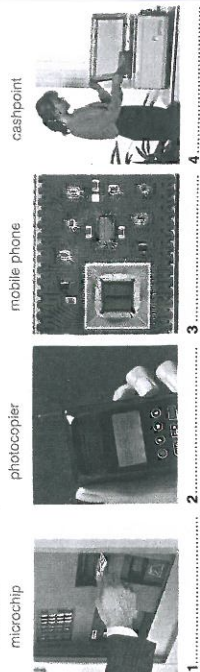


## TECHNOLOGY

1 Match the words with the pictures below. Then say what the following devices are used for.



2 Match the words below to the appropriate definitions. Then close your books and say what these devices are used for.

- a. a device used to send and receive copies of documents and images along a telephone line
- b. a plastic card which enables you to withdraw money from your bank account at any time
- c. the system of connected computers which people all over the world use to communicate
- d. a machine which records telephone messages when you are out
- e. a computer which is used as a typewriter to write letters and documents
- f. a set of pictures and sounds generated by computer which give the impression of being real

3 Fill in the gaps with one of the words from the list below.

- cash card    device    reusable    cards    development    microwave

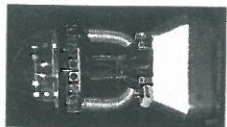
### Technology: The way ahead

Technology continues to advance every day, making everything in our lives easier and safer, but at the same time allowing us to become lazier. First came the T.V. and the stereo, and then came the remote control, a 1) ..... which allowed us to control the set without leaving the comfort of our armchair. You no longer need coins to operate public phones which are now operated with plastic 2) ..... with a 3) ..... And you can gain immediate access to your money kept in a bank account with a 4) ..... ovens have meant that people no longer have to wait for food to defrost and cooking is quicker. Cars are fitted with airbags and automatic braking systems, a 5) ..... to lessen the effect of any accident that you might have. American scientists have developed spacecraft extensively, now using the space shuttle which is 6) ..... as it is built specifically to withstand the intense heat from take-off, and pressure of travel into outer-space.

4 Read the following articles, then fill in the table below using the information given.

### Computers

Computers have revolutionised many industries from travel to healthcare, and from communication to the armed forces. Extensive computer networks stretch across the globe. However, dependency on this network could be dangerous if systems were to shut down for any reason. Computers have made information more accessible and immediate, and the work place has generally become more efficient. This efficiency does have its drawbacks in that many office workers are no longer needed; book-keeping and other office work can all be done by one person operating a computer.



### Mobile Phones

In the last ten years mobile phones have become increasingly popular. The use of this wireless telephone has revolutionised communication. People can be contacted quickly. Business executives no longer need to be in the office to receive calls. It is not only business executives who benefit from this technology but also the emergency services and people who work in isolated places. However, mobile phones do have drawbacks, such as the expense, and the stress caused by the feeling that you ought to have it switched on all the time.

### Robots

Although robots are not yet able to replace humans in every possible way, people still look to a future when this dream (or nightmare) will be

### Solar Power

In many hot countries distinctive solar panels can now be seen on an increasing number of roofs. Solar power, the energy from the sun, enables people to have a constant supply of hot water, and in some cases the energy can be stored for night usage. In colder countries with predominantly cloudy weather the system is not so effective. In countries with a lot of sunshine all year round solar power is very convenient. However, not all people can afford to have solar panels installed, and even when installed the panels need regular servicing.

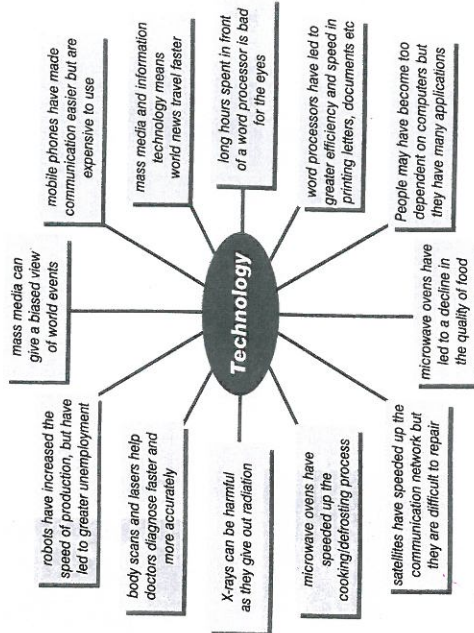


|               | BENEFITS | DRAWBACKS |
|---------------|----------|-----------|
| Computers     |          |           |
| Mobile phones |          |           |
| Robots        |          |           |
| Solar power   |          |           |

5 Now talk in pairs about the benefits and drawbacks of the items above as in the example:

- eg SA: Computers have revolutionised industry.  
SB: However, they have led to a reduction in the amount of available jobs in offices.

6 Go through the spidergram then using the information given and the useful expressions below talk in pairs about the advantages and disadvantages of technology as in the example. You may add ideas of your own.



## LISTENING

**CD2-08** You're going to hear four people talking about the first time they came into contact with the sciences. Match speakers 1-4 to statements A-E. There is one extra statement that you do not need to use.

- A Conversations with my friend inspired me to study science.  
B I surprised one of my parents by acquiring knowledge from an unexpected source.  
C I surprised some people with the knowledge I had at an early age.  
D My interest in science was aroused by an unconventional lesson.  
E The Science lessons in my school were not very interesting.

1      2      3      4