

UNIT 9B - TECHNOLOGY

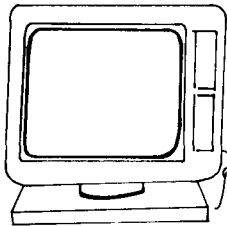
Complete the following list with the name of the specialists in the particular fields.

| <i>science</i> | <i>scientist</i> |
|------------------------|------------------|
| chemistry | |
| physics | |
| zoology | |
| genetics | |
| information technology | |
| cybernetics | |
| civil engineering | |

Below you have some of the amazing achievements of modern technology. Match the names on the left with the definitions on the right.

- | | |
|------------------|--|
| 1 video recorder | a kind of sophisticated typewriter using a computer |
| 2 photocopier | a machine which records and plays back sound |
| 3 fax machine | a machine which records and plays back sound and pictures |
| 4 tape recorder | a camera which records moving pictures and sound |
| 5 modem | a machine for chopping up, slicing, mashing, blending etc. |
| 6 camcorder | a machine which makes copies of documents |
| 7 robot | a machine which makes copies of documents and sends them down telephone lines to another place |
| 8 word-processor | a machine which acts like a person |
| 9 food-processor | a piece of equipment allowing you to send information from one computer down telephone lines to another computer |

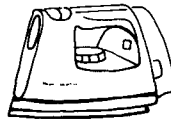
Write descriptions like those in exercise 52.2, for the following objects.



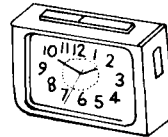
1



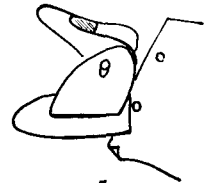
2



3



4



5

What are the nouns connected with the following verbs?

- | | | | | |
|------------|------------|-----------|--------------|-----------|
| 1 discover | 3 rotate | 5 patent | 7 dissect | 9 combine |
| 2 invent | 4 conclude | 6 analyse | 8 experiment | |

Give each of the sciences in A opposite a number from 0 to 5 depending on whether it doesn't interest you at all (0) or interests you enormously (5). Similarly mark each of the inventions in B, 0 to 5, depending on how important they are to you in your life.

Follow-up: Increase your knowledge of scientific vocabulary by reading articles of general scientific interest in English language newspapers or magazines. If possible, get a textbook in English for schoolchildren studying a branch of science that you have studied. Choose a book where the science is relatively easy for you so that you can concentrate on the English used.

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|------------------------|--------------------------|
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| physics | physicist |
| zoology | zoologist |
| genetics | geneticist |
| information technology | information technologist |
| cybernetics | cyberneticist |
| civil engineering | civil engineer |

- 1 video recorder – a machine which records and plays back sound and pictures
- 2 photocopier – a machine which makes copies of documents
- 3 fax machine – a machine which makes copies of documents and sends them down telephone lines to another place
- 4 tape recorder – a machine which records and plays back sound
- 5 modem – a piece of equipment allowing you to send information from one computer down telephone lines to another computer
- 6 camcorder – a camera which records moving pictures and sound
- 7 robot – a machine which acts like a person
- 8 word-processor – a kind of sophisticated typewriter using a computer
- 9 food-processor – a machine for chopping up, slicing, mashing, blending, etc.

Some possible definitions:

- 1 VDU stands for visual display unit and it is the part of the computer which includes the screen or monitor, on which you look at your work as you do it.
- 2 A stapler is a useful piece of office equipment which allows you to join two or more pieces of paper together by bending a small bit of wire, called a staple, through the pages which you want to connect.
- 3 A cordless iron is an iron which gets its power from a base unit on which it stands when not in use. It is not connected to the base unit by a flex and so can be used freely and easily.
- 4 An alarm clock is useful for waking you up in the morning.
- 5 A hole punch is a useful piece of office equipment which allows you to make holes in sheets of paper so that they can then be inserted into a file.

- | | | | | |
|-------------|--------------|------------|--------------|---------------|
| 1 discovery | 3 rotation | 5 patent | 7 dissection | 9 combination |
| 2 invention | 4 conclusion | 6 analysis | 8 experiment | |

Time and *Newsweek* often have articles on general scientific interest as does the newspaper, *The Times*.