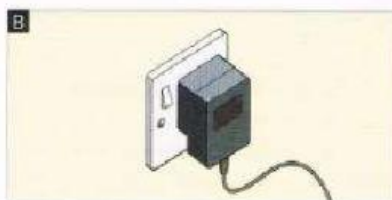


2 Functions

Start here 1 Match the words with the pictures.

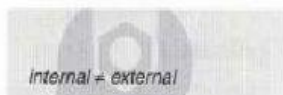


Electrical power sources

- 1 mains electricity + AC adapter
- 2 solar power
- 3 dynamo
- 4 batteries

Reading 2 Label the photos of the emergency radio below with the words in the box.

alarm antenna clock compass handle thermometer torch



3 24 Listen and repeat.

handle ... thermometer ... torch ... alarm ... clock ... compass ... antenna

4 Read the description and check your labels.

Dynamo Solar Radio

1 clock 2 _____ 3 _____

5 _____ 4 _____

6 _____ 7 _____

Key features: This equipment has

- a radio
- a thermometer
- a compass
- a torch
- a clock
- an alarm

Power sources

It uses electricity from four sources of power:

- an AC adapter. This connects the mains electricity supply to the radio.
- 3 external AA batteries.
- a solar panel. This changes the Sun's energy into electricity and charges an internal battery.
- a dynamo generator. The handle turns the dynamo. The dynamo produces electricity and charges the internal battery.

5 Explain the function of these parts.

- | | |
|------------------|-------------------|
| 1 the AC adapter | 3 the dynamo |
| 2 the handle | 4 the solar panel |

6 Match the parts with their functions.

Part	Function
1 thermometer	a) shine a light
2 compass	b) make electricity
3 torch	c) turn the dynamo
4 clock	d) tell the time
5 alarm	e) find North
6 solar panel	f) receive radio signals
7 handle	g) measure temperature
8 antenna	h) make a loud noise

7 Make sentences from the parts and functions in 6.

Example: 1 The thermometer measures temperature.

Language	It	measure	s	temperature.	
Does	it	measure		temperature?	Yes, it does. / No, it doesn't.
	It	does not doesn't	measure	speed.	

Speaking 8 Work in pairs. Make questions and answers, using the words from 6.

A: Does a thermometer measure time?
B: No, it doesn't. It measures temperature.

9 Match the pictures with the verbs in the box.

cut drive in grip loosen tighten

10 Make sentences.

A spanner		nails.
Pliers		bolts and wire.
A screwdriver	cut(s)	nuts and bolts.
A chisel	grip(s)	paper and string.
Scissors	drive(s) in	screws.
A saw	tighten(s) and loosen(s)	wood.
Hammers		wood and metal.

Social English 11 Make a list of job titles useful to you. Use a dictionary.

Examples: marine technologist, computer operator, automotive engineer, architectural technician

12 Find out about other students in your class.

A: What do you do?

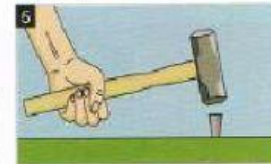
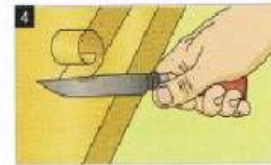
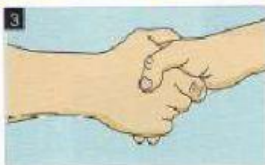
B: I'm a/an ... (student/builder/mechanic ...)

A: Where do you study/work?


B: I study/work at ... (name of school/college/company ...)

A: What does ... do?

B: He/She's a/an ... He/She works at ...



3 Locations

Start here 1  25 Listen to this computer lesson. Complete the dialogue with the words in the box.

at bottom on left right top

- OK, now put the cursor on the *START* button.
- Where's the *START* button?
- It's _____ the _____. On the _____. Do you see it?
- Yes. Is that it?
- Yes, that's correct. ... Now, move the cursor up to the *CLOSE* button.
- Where's that?
- It's an *X*. It's _____ the _____. At the _____.
- Is that it?
- Yes, that's it. Now click.

Vocabulary

2 Match the TV monitors with their locations.

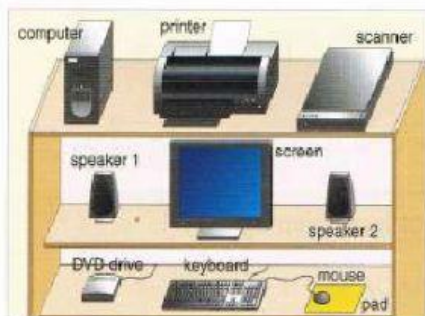
middle = centre
BrE centre, AmE center

- 1 bottom left ____
- 2 bottom right ____
- 3 centre bottom ____
- 4 centre left ____
- 5 centre right ____
- 6 centre top ____
- 7 top left ____
- 8 top right ____
- 9 centre ____



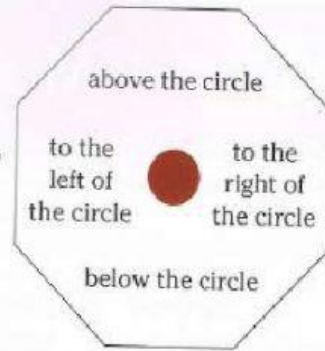
Language in in the middle, in the centre
at at the top, at the bottom
on on the left, on the right

Reading 3 Correct this description. There are six mistakes in location.



Here is one way to set up your computer station. Put your screen in the centre of the system. Then put one speaker in the centre on the left, and put the other speaker in the centre on the right. Put the scanner at the top on the left, and put the computer at the top on the right. Then put the DVD drive at the top in the middle and put the printer at the bottom on the left. Finally, put the keyboard at the bottom on the right, and put the mouse at the bottom in the centre.

- Language**
- 4** Look again at the computer station in 3. Are these statements true or false?
- 1 The computer is *at the top, on the left*. T/F
 - 2 The computer is *above* speaker 1. T/F
 - 3 The computer is *to the left of* the printer. T/F
- 5** Look at the diagram. When do we use *ON the left* and when do we use *TO the left OF*?
- 6** Complete the sentences about the computer station in 3 with the words in the box.



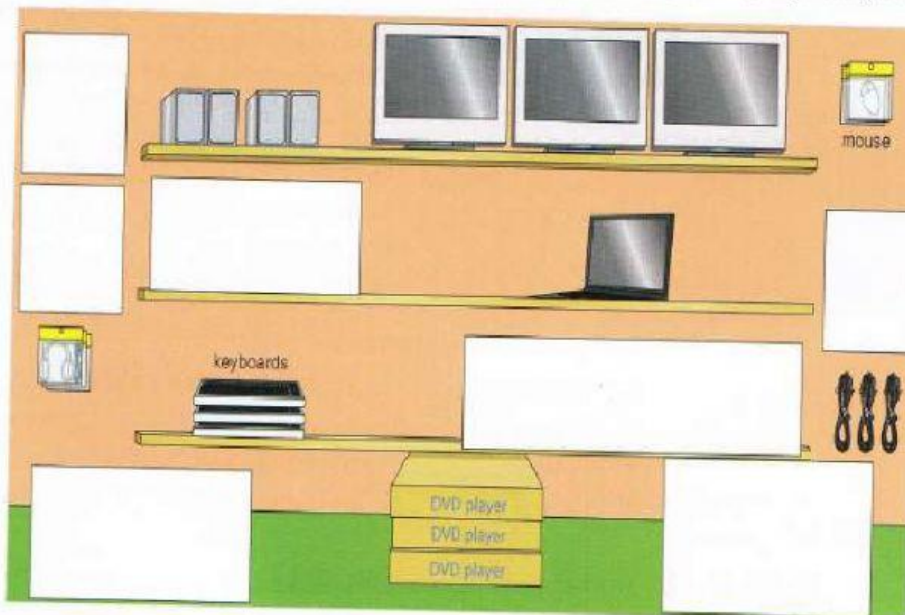
above at below of in on to

- 1 The printer is _____ the top, _____ the middle.
The scanner is _____ the right _____ the printer.
The screen is _____ the printer.
 - 2 The mouse is _____ the bottom, _____ the right.
The keyboard is _____ the left _____ the mouse.
Speaker 2 is _____ the mouse.
- 7** Look again at the computer station in 3. Make sentences about the location of:
- 1 the mouse
 - 2 the DVD drive
 - 3 the scanner
 - 4 the screen

- Task**
- 8** Work in pairs. Student A. Turn to page 113.

Student B:

- 1 Answer Student A's questions. Use phrases from exercise 6.
- 2 Ask Student A where these items are and write **them** in their correct locations: *mouse pads, scanners, CD-ROMS, adapter, printers, amplifiers, TV.*



shelf (singular); shelves (plural)