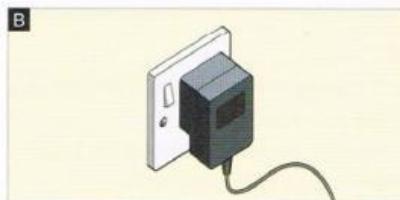


## 2 Functions

### Start here

1 Match the words with the pictures.



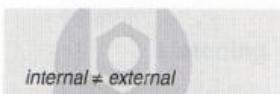
Electrical power sources

- 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 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 \_\_\_\_\_  
 4 \_\_\_\_\_    5 \_\_\_\_\_    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