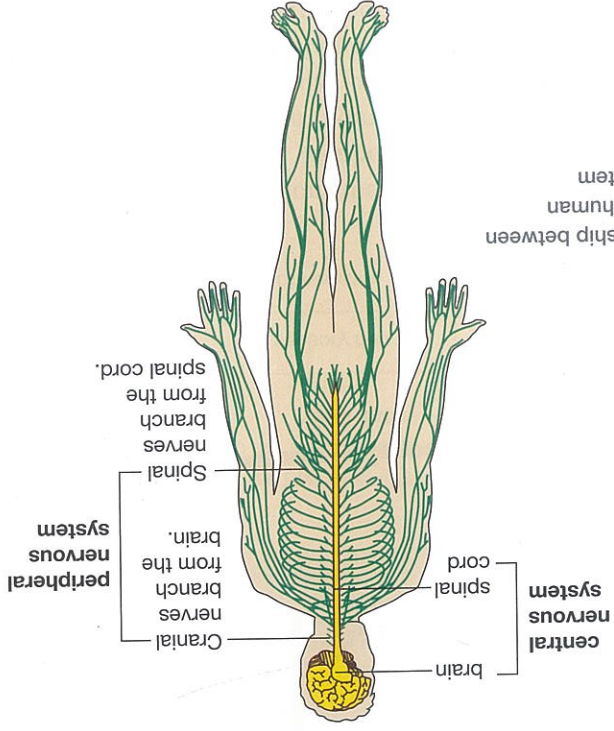


Most people can get up out of a chair, walk across a room, pick up a glass and pour water into it without really thinking about it. You read, listen to music and smell the sausages cooking on the barbecue next door without having to decide how to see, hear or smell. One system of the body controls all these actions and many more. That system is the nervous system.

Human nervous system

The nervous system is a communication system that controls all parts of your body. The human nervous system has two main parts, as shown in Figure 7.1.1.



Pupils change

What changes occur in the eyes in the light and dark?

Collect this ...

- mirror
- strip of dark cloth

Do this ...

- 1 Stand in front of the mirror in a room with good light.
- 2 Look at your eyes—especially notice the size of the pupils.
- 3 Close your eyes and cover them gently with the dark cloth. Do not press on your eyes.
- 4 Keep your eyes closed for two minutes.
- 5 Remove the cloth and open your eyes. Look in the mirror immediately.
- 6 Observe the pupils of your eyes.

Record this ...

Describe what happened.

Explain why this happened.

