

Name _____

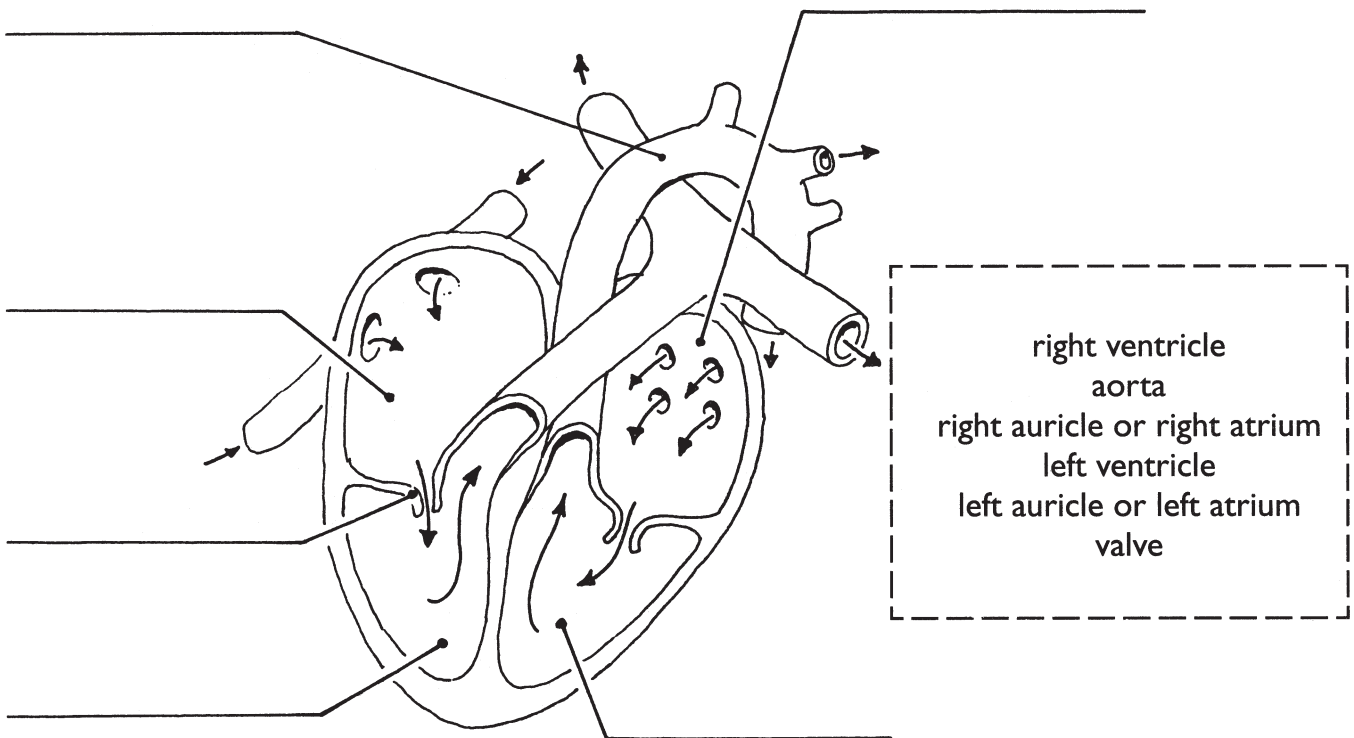
The heart

You will need: a piece of thin card; scissors; a craft knife and cutting board.

The circulatory system consists of the heart, arteries, veins and the blood. Blood is pumped around the body by the heart. It carries food and oxygen to the muscles and organs. Arteries carry blood away from the heart and veins carry it back to the heart.

Activity 1

- ▲ Find pictures of the human circulatory system in reference books.
- ▲ Label the diagram of a heart below using the words in the box.



Activity 2

There are special valves in the heart, veins and arteries which keep the blood flowing in one direction only.

- ▲ Make your own model valve.

- 1 Copy or trace the shape on the right on to the piece of card.
- 2 Cut out the shape.
- 3 Using a cutting board and craft knife, cut along the dotted lines. (Be careful, cut slowly.)
- 4 Push your finger into the valve from behind. What do you notice?

