

Science
Circulation and breathing
Book: Body Book
Pages 16-23

Students: Fill in the answers and return for assessment

Everything here is based on our Curriculum Visions Body Book.

In this segment, we are going to learn about how the circulatory and respiratory system work.

You will need to go to pages 16-17 of the book.

Part 1

What do these different parts of the respiratory (breathing) system do?

Nose and windpipe

Hairs in the nose

Mucus (sticky substance in the nose)

Hairs in the windpipe

Diaphragm (breathing muscle)

Lungs

Answer ...

Now turn to pages 18-19 of the book.

Part 2

What is the purpose of the blood?

What is the role of white blood cells?

What are the capillaries?

Answer ...

Now turn to pages 20-21 of the book.

Part 3

Draw a diagram of the heart and label the different parts (hint: the shape can be hard to draw, but you can just draw it using circle or oval shapes and lines - it does not have to be exact).

Label how the blood moves through the heart by labelling which tubes carry blood into the heart and which tubes carry blood out.

Answer ...

Part 4

Why does the heartbeat make two sounds (lub dup)? What does each sound mean?

Answer ...

Now turn to pages 22-23 of the book.

Part 5

What is the difference between capillaries, veins and arteries? What does each carry?

Answer ...

That is the end of this worksheet, and you can now turn to another one. Also, find out if your teacher has left you any other worksheets or special instructions on your school website.

If you are interested in this topic, continue to browse the book and watch our amazing videos. They start right on the book cover.

Or you may want to see related books. If so just go to the top of the screen, select science, and from the page that opens choose Body Book.