

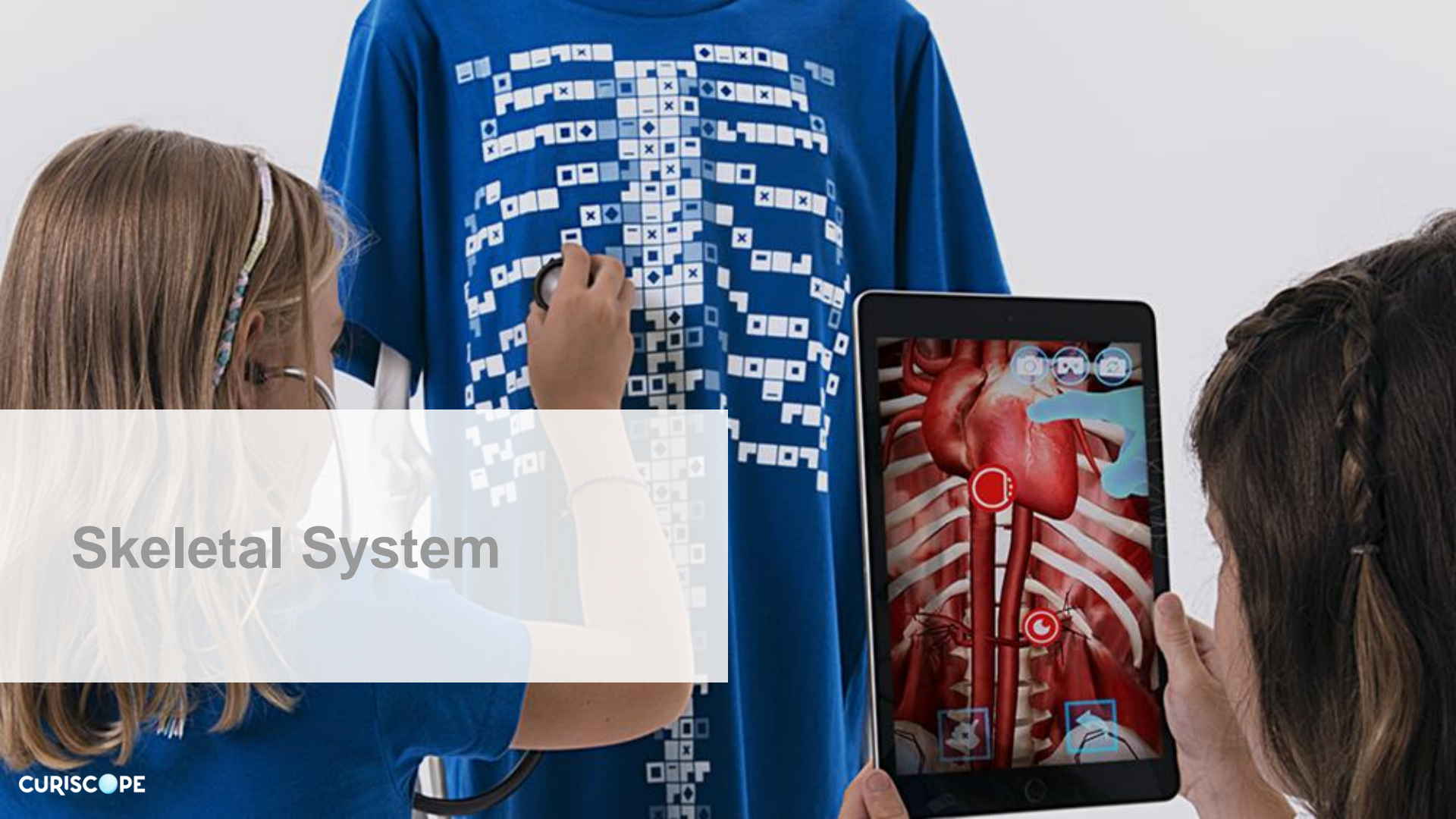
Skeletal System Quiz

A note to teachers

This resource is recommended for use in two ways:

1. As the answer scheme to the Digestive System Challenge cards. Using the challenge cards, students discover the answers to each question as they are using the Virtuali-Tee app. Downloads are available in the teacher resources repository <https://drive.google.com/drive/folders/17N-hPZnEAdBwevuxAYoTiyasNatYQM9?usp=sharing>
2. As a group quiz after using the Virtuali-Tee app.

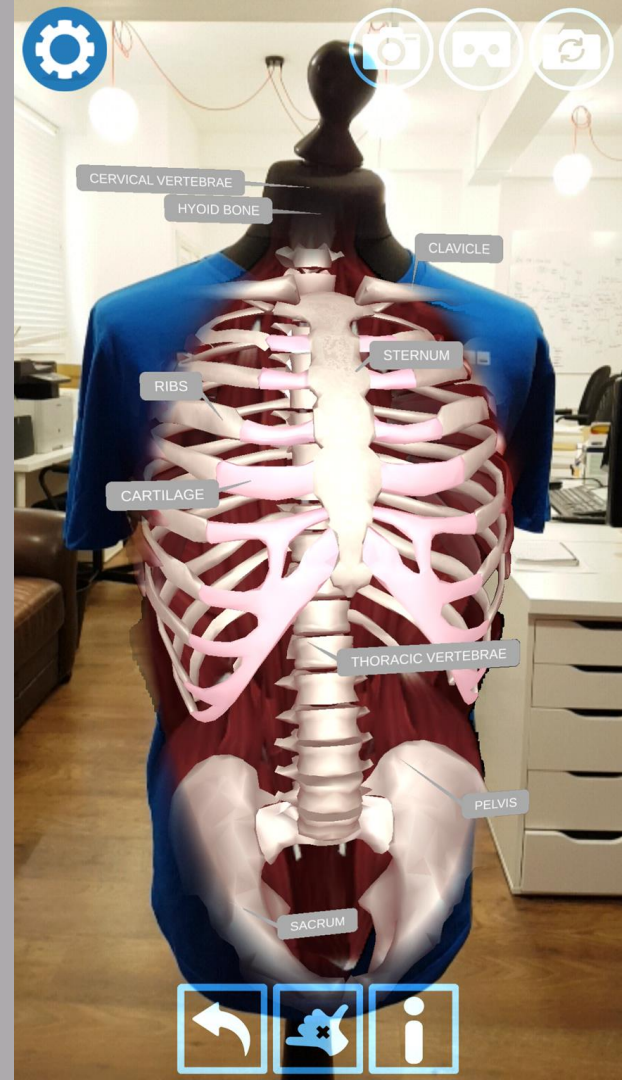
Skeletal System



Question 1

We need a skeleton for....

- A. Protection
- B. Support
- C. Movement
- D. All of the above



Question 2

Which of the following is NOT an organ?

- A. Cells
- B. Lungs
- C. Bones
- D. Heart

Bones are organs too!

Cells make up every organ in our body but are not organs in themselves, they are the building blocks.



Question 3

Bones are made of...

- A. steel
- B. carbon fibre
- C. collagen and calcium
- D. hardened muscles

Collagen adds flexibility to the calcium, which forms the firm framework of the bone. Together they can handle great strain while still being able to flex.

Carbon fibre is often used for prosthetic running blades.

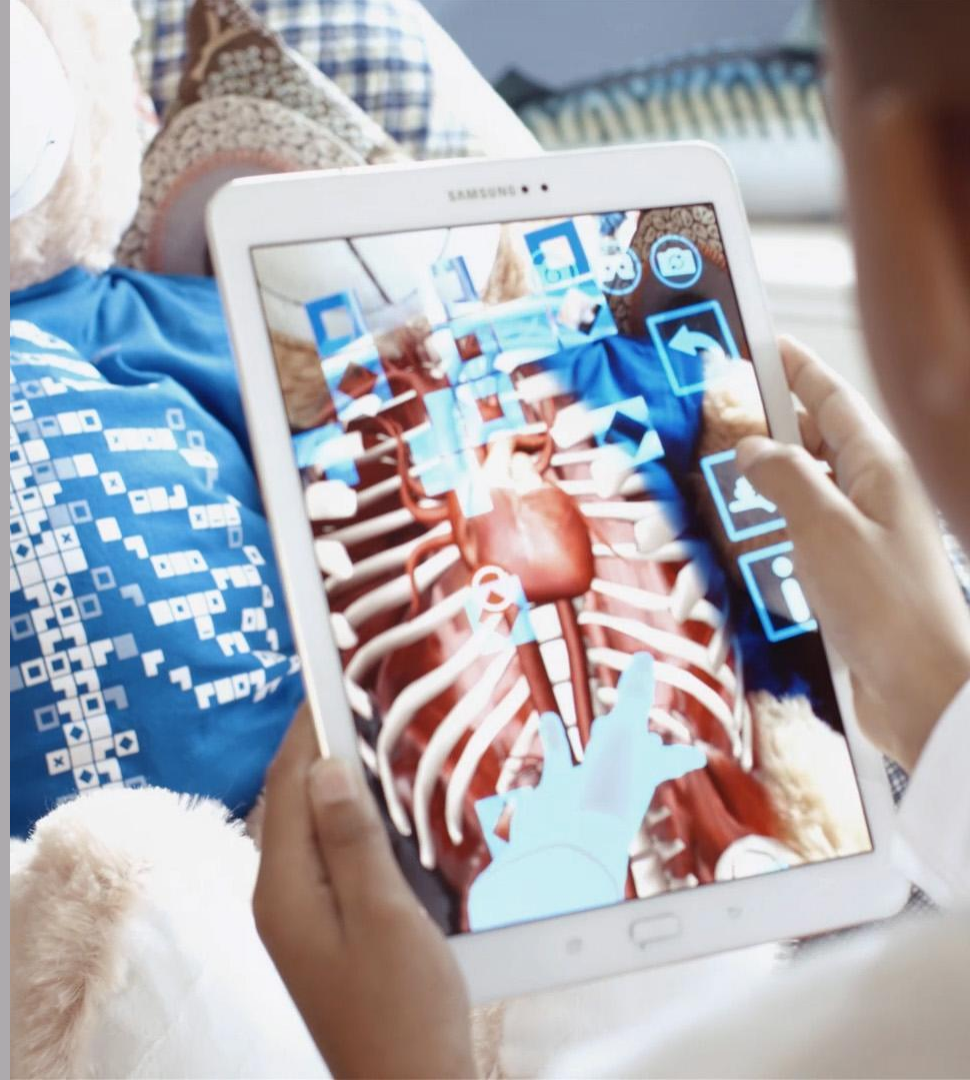


Question 4

Astronauts can come back to earth with ...

- A. More teeth
- B. Denser bones
- C. Lighter bones
- D. A heavy heart

Weightlessness has many strange effects on the body.



Question 5

Which of the following can have stronger than average bones?

- A. Astronauts
- B. Animators
- C. Athletes
- D. Art teachers

Perhaps your gym teacher too!



Question 6

Collagen is...

- A. A protein
- B. Found in bones, teeth and hair
- C. Made up of calcium and other minerals
- D. All of the above

99% of the body's calcium is found in bones and teeth



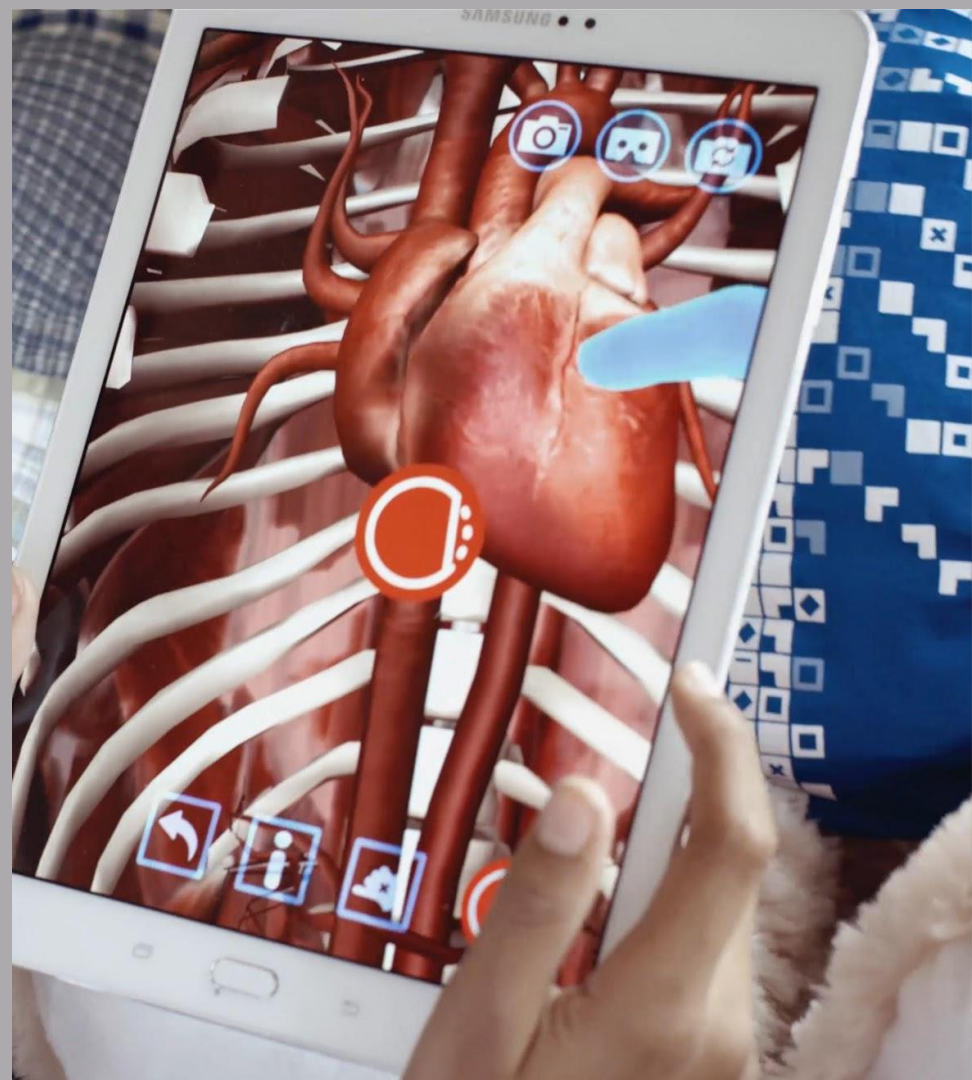
Question 7

What is marrow responsible for?

- A. Storing oxygen
- B. Producing red and white blood cells
- C. Filling in the gaps
- D. Filtering your blood

Marrow is soft and spongy and works day and night to renew your red and white blood cells.

To be fair, marrow does share its name with a vegetable (overgrown courgettes aka zucchini).

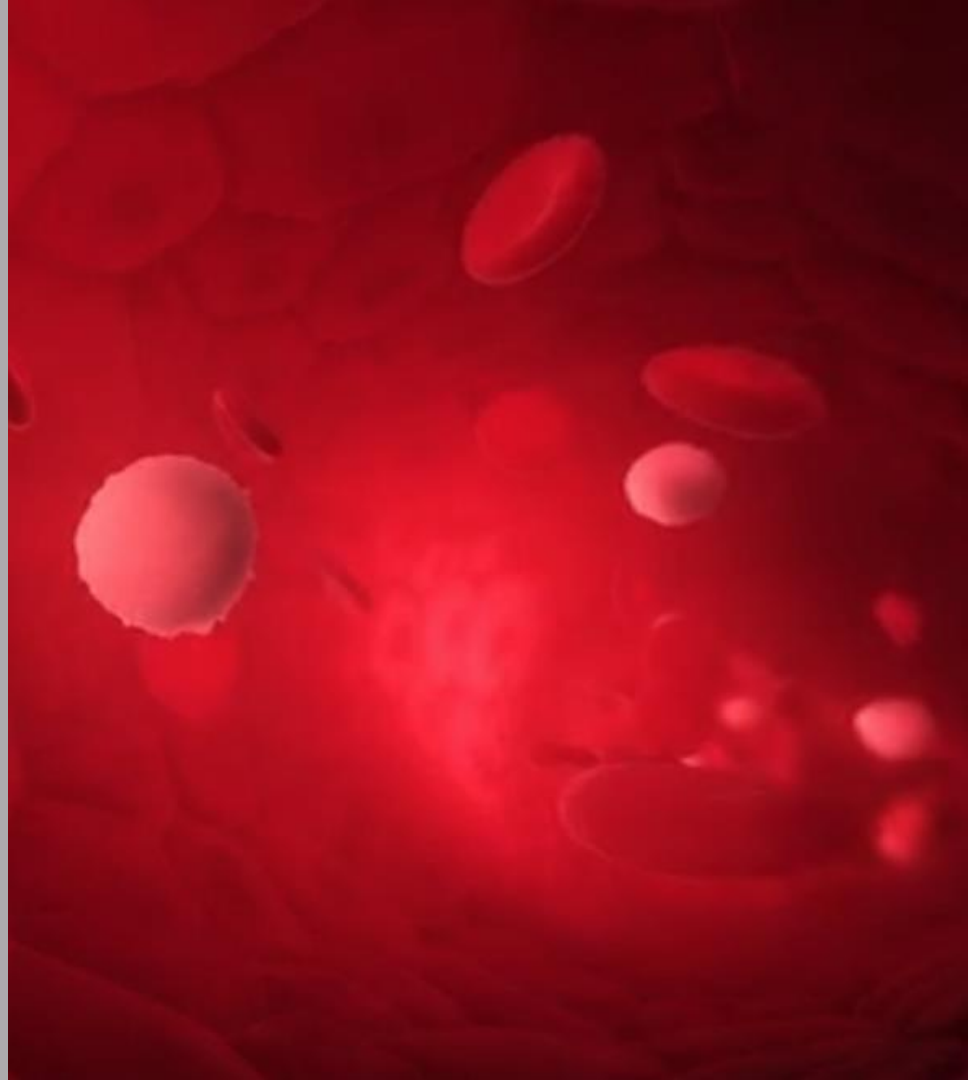


Question 8

White blood cells are able to ...

- A. Change colour
- B. Carry oxygen
- C. Defend the body
- D. Carry instructions to organs

Pus contains dead white blood cells, fallen heroes in the battle to protect your body.



Question 9

On the Virtuali-Tee app, cartilage can be observed...

- A. Connecting muscle to bones
- B. At the end of the ribs
- C. Joining bones to bones
- D. In the circulatory system

Cartilage is an important structural component of the body. It is a firm tissue but is softer and much more flexible than bone.



Question 10

You can improve the health of your bones through ...

- A. Eating foods that are high in calcium
- B. Exercise
- C. Taking vitamin D
- D. All of the above

It's always a good idea to think and read about your health, but it is best to be active throughout your life.

