

A note to that teacher: These **Challenge Cards** are designed for students to discover the answers as they use the 'Virtuali-Tee' and app. Answers can be found on the KS3_Skeletal_System_Quiz.

Challenge 1

We need a skeleton for...

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

Challenge 2

Which of the following is NOT an organ?

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

Challenge 3

Bones are made of...

- A. Steel
- B. Carbon fibre
- C. Collagen and calcium
- D. Hardened muscles

Challenge 4

Astronauts can come back to earth with...

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

Challenge 5

Which of the following can have stronger than average bones?

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

Challenge 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

Challenge 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

Challenge 8

White blood cells are able to...

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

Challenge 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

Challenge 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

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about the body



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