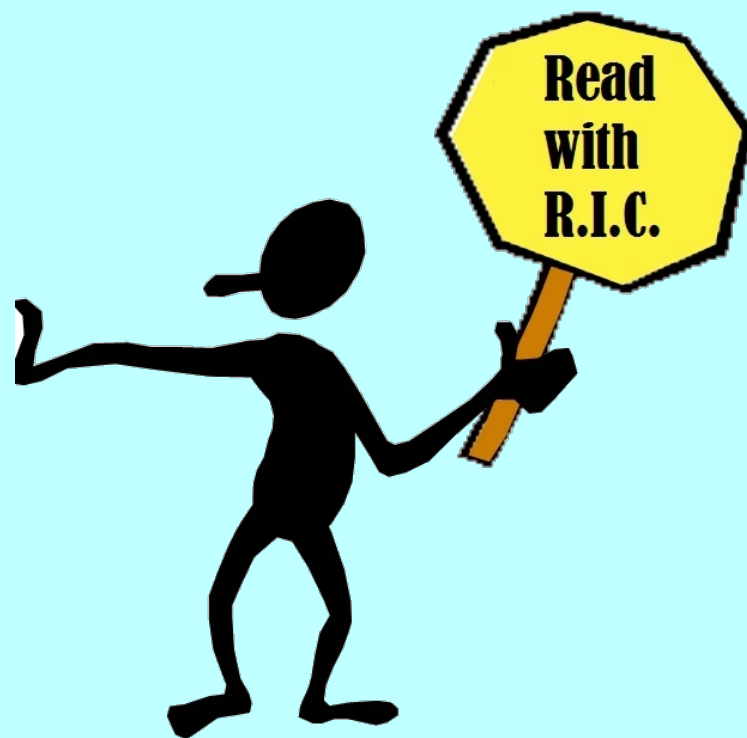


# Science

*This half term, our science topic is...*





Starter: Have a look at this poster and think about the questions on the next slide





*What fruit does the smoothie contain?*



*What do you think is meant by the slogan 'fill yourself with goodness'?*



*Why have the company decided use bright colours on the poster?*

# Answers



What fruit does the smoothie contain?

*strawberries and bananas*



What do you think is meant by the slogan 'fill yourself with goodness'?

*If you drink this smoothie, you are filling yourself with fruit which is good for you*



Why have the company decided use bright colours on the poster?

*To attract attention so people will buy the smoothie*


L.O: To understand the function of a skeleton



*Success criteria:*

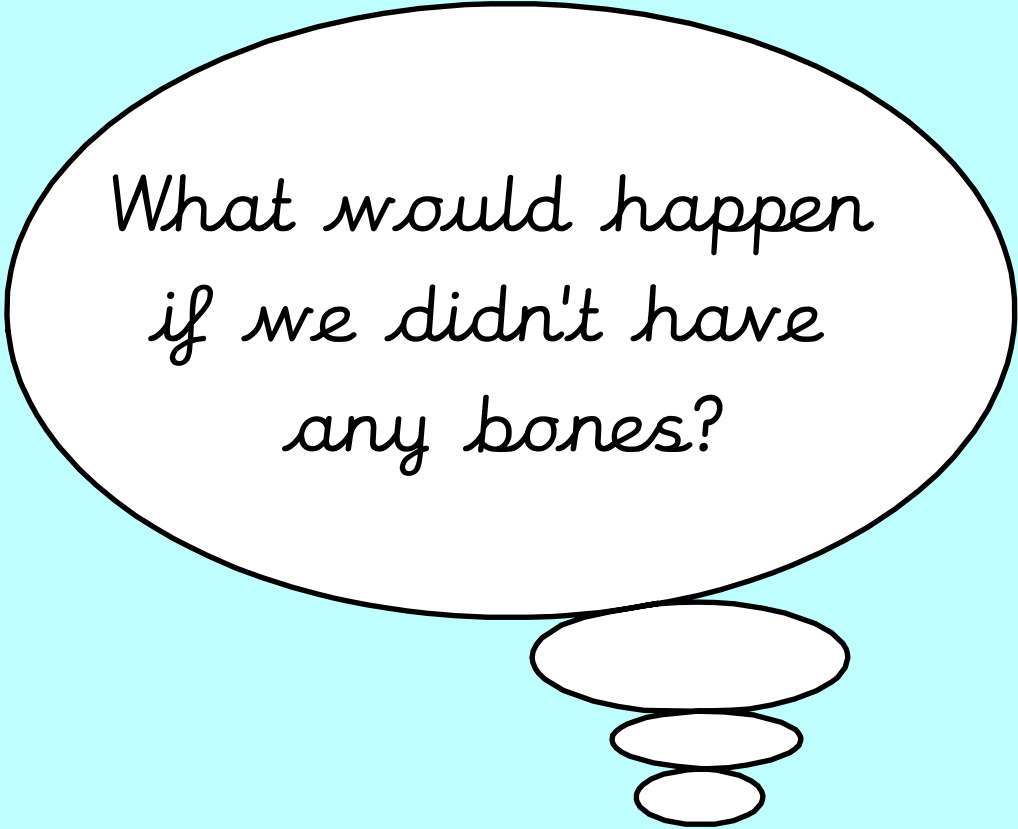
- *I understand the function of a skeleton*
- *I understand why the skeleton is important*
- *I can name some of the bones in the human body*

*Question to think about:*



*Why do we  
have bones?*

*Question to think about:*

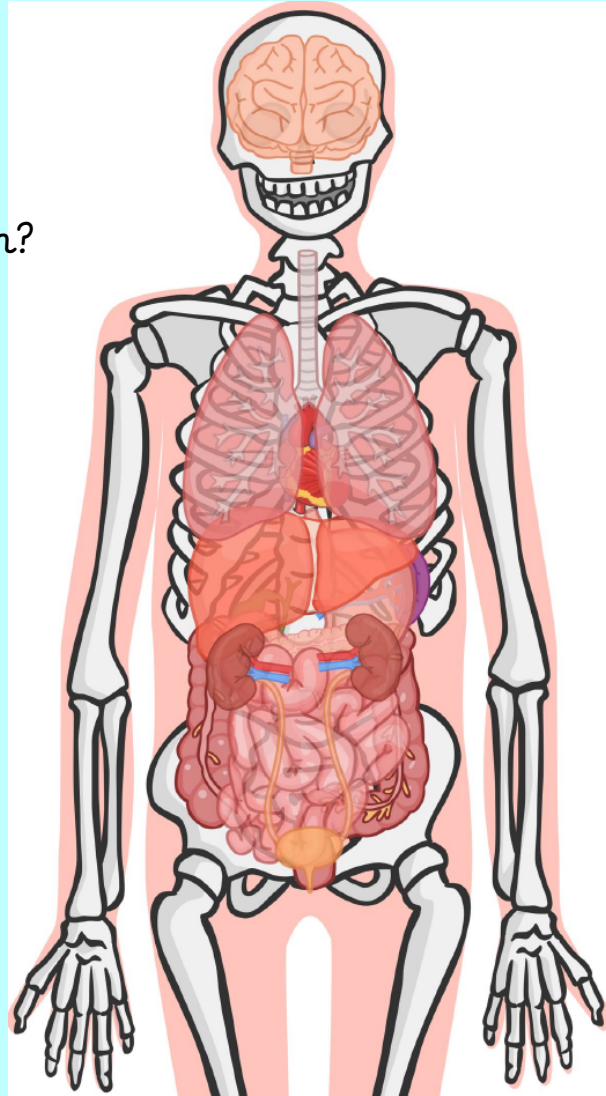


*What would happen  
if we didn't have  
any bones?*



• The human body

• What is a skeleton?



## The Skeleton

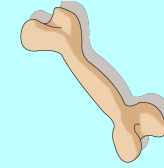
Many animals have skeletons to support and protect their body and to help it move.

The human skeleton is made of bones and grows as we grow.

Our skull protects our brain and our ribs protect our heart and lungs.

The skeleton bends at joints such as knees and ankles. Joints are where two or more bones join together.

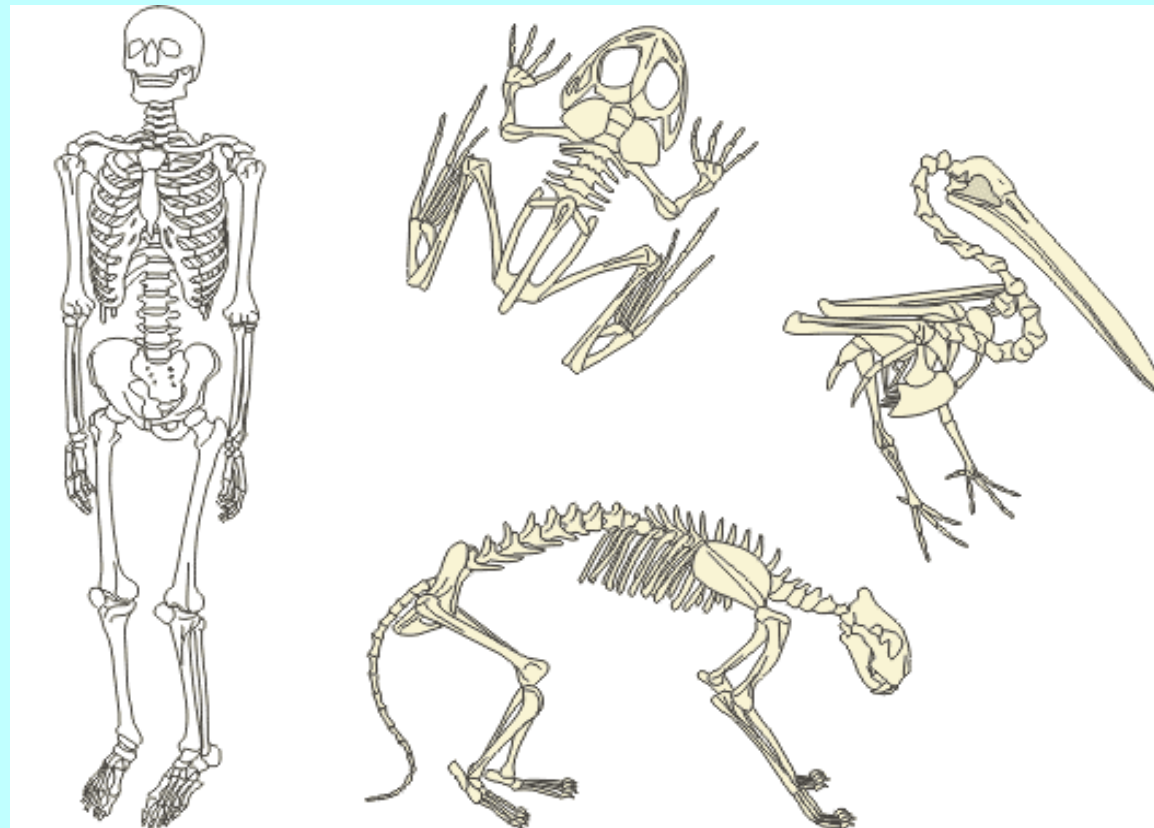





# What are bones for?

Why do we have bones?

What is your skeleton for?



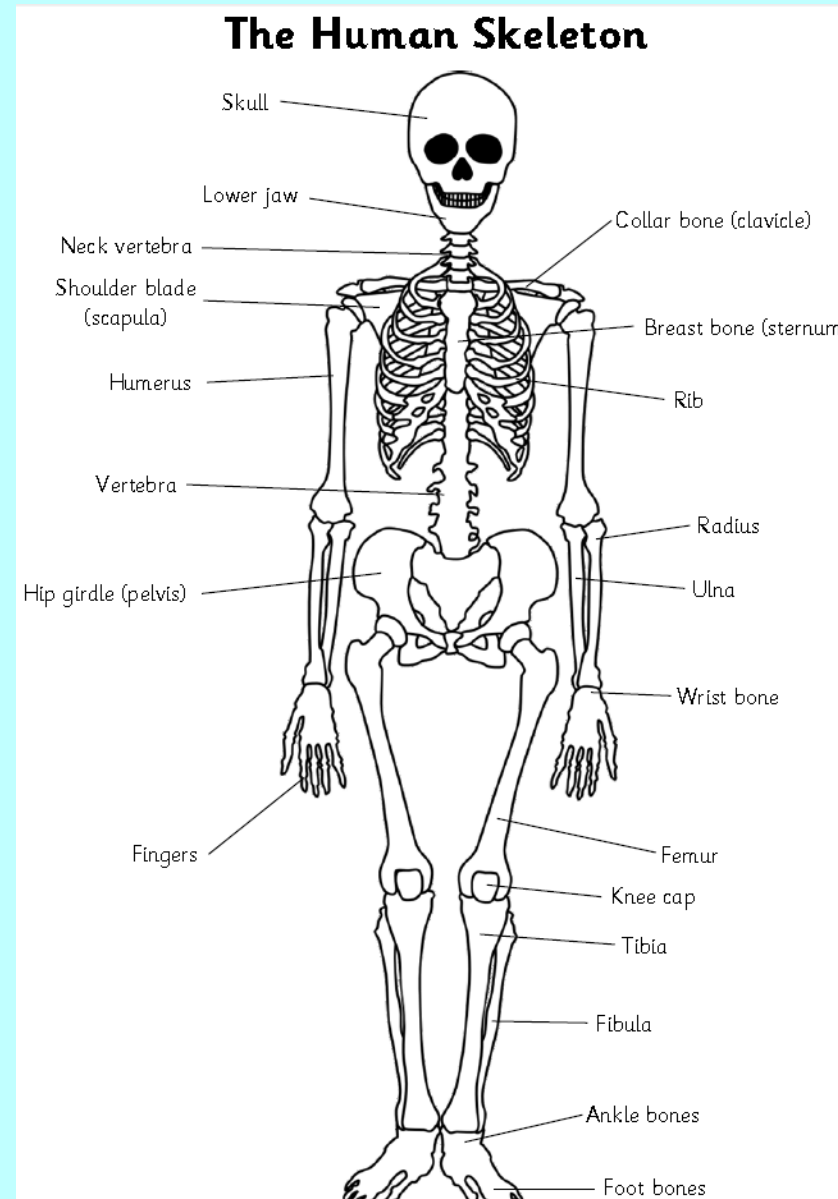
Functions of a skeleton (what it is for):

 The skeleton helps you move.

 It holds your body up and supports it.

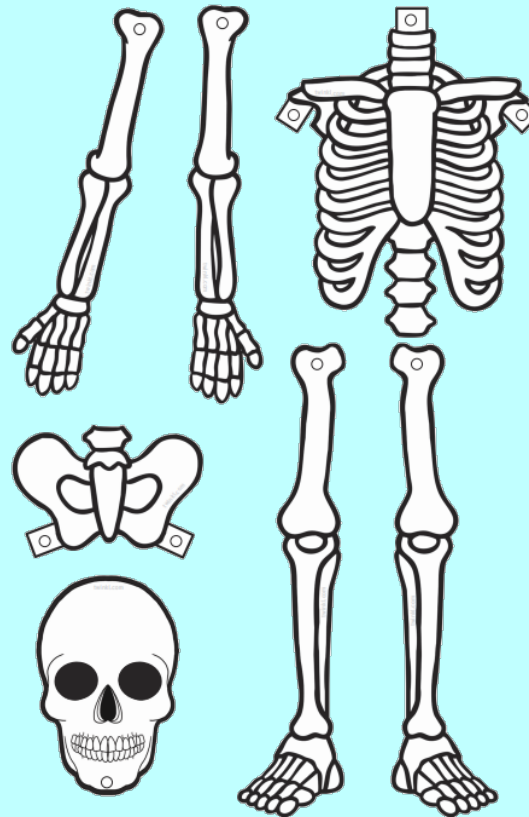
 It protects important body organs (heart and brain).

*What are the names of the bones in the arm?*

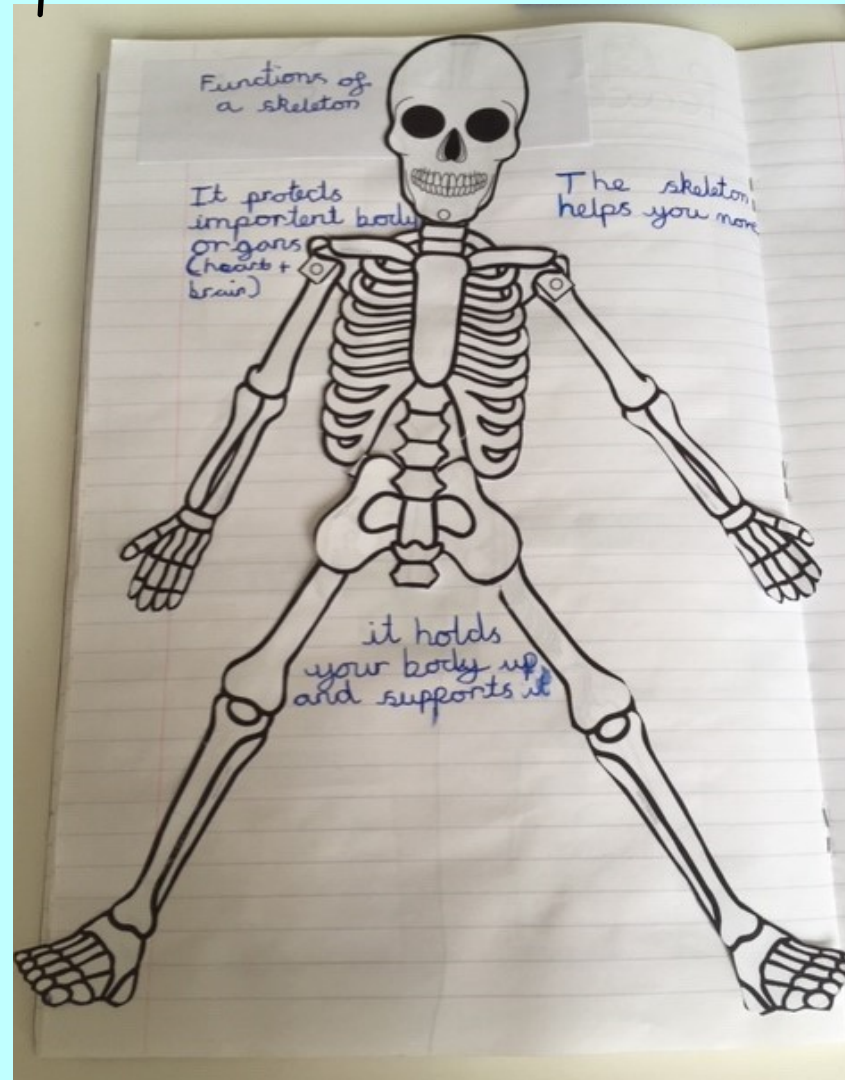




*Task: Neatly cut out the different parts of the skeleton and pin them together using split pins (or stick them onto a piece paper). Stick it onto a piece of paper and around it, write down the three functions of a skeleton.*



# Example





## Challenge questions

### Sports day

(a) Dan has some ideas about exercise.

Write **true** or **false** under each statement about exercise.



Exercise helps to keep your heart healthy.  
.....

Exercise helps to stop people getting overweight.  
.....

People exercise when they walk.  
.....

If people exercise they will not get ill.  
.....

2 marks

(b) Leg muscles and bones help people to run and move.  
Leg bones are part of the skeleton.

Other than movement, describe **another** function of the skeleton.



.....

1 mark