



## Science Activity

### Bones

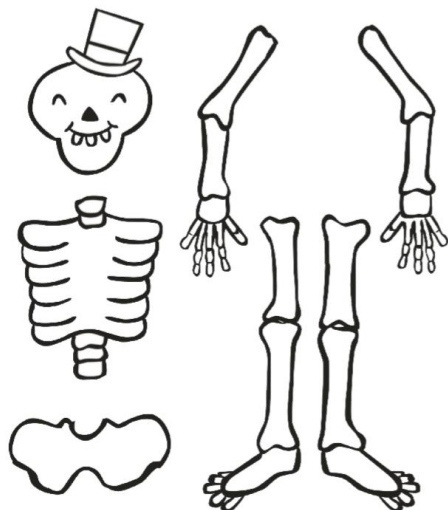
Time to prepare: 5 minutes



□ Please, stay safe and ask a grown up to supervise you

#### Resources/ things you need

Make a Moving Skeleton



- Make a moving skeleton sheet as above from twinkl - <https://www.twinkl.co.uk/resource/us-t-186-funny-bones-make-a-moving-skeleton-a4>
- Scissors
- Split pins

#### What to do

1. First of all you need to print out the make a moving skeleton sheet.
2. Next, carefully cut out all the bones.
3. Then, use the split pins to join the bones together in the correct places.

Do you know the names of any of these bones?

Can you look them up?

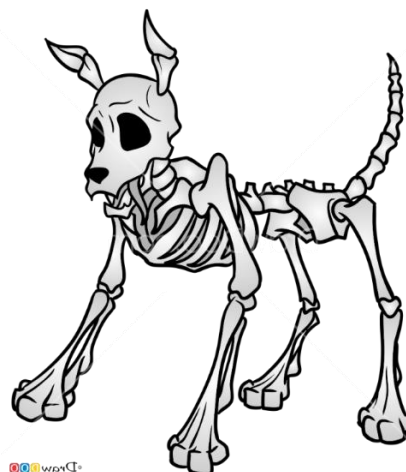
Feel your own body to see which bones you can find?

#### Background and the link to learning

Our bones protect our insides. Our skull wraps around our brain like a helmet. Our cage of ribs protects our heart and lungs - the spaces in between the ribs allow our chest to get bigger and smaller with each breath. Our kidneys are tucked up under the ribs at the back; our liver is under the ribs on the right and our spleen under our ribs on the left. All these organs are kept safe by the hard armour of our bones.

Our bones mean we can move. Our muscles attach onto our bones using special tough tissue called tendons. When a muscle squeezes, it pulls on the tendon, and the tendon then pulls on the bone - and that's how we move!

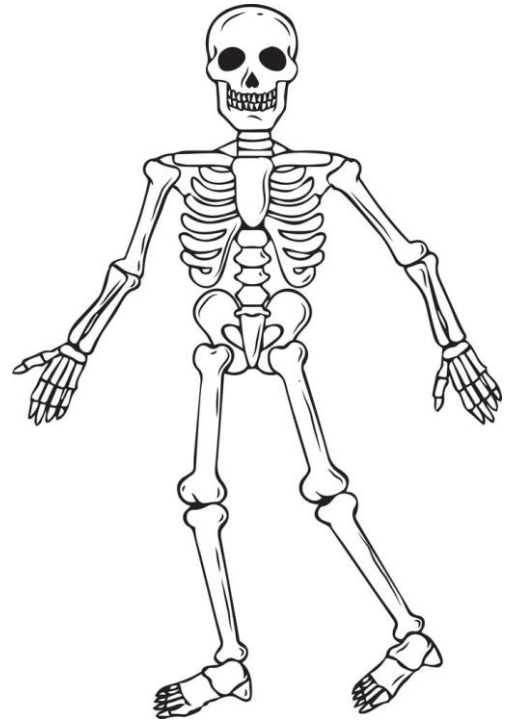
#### Pictures



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Our bones hold our bone marrow. This is where we make the tiny particles that make up our blood - the red blood cells that carry oxygen, the white blood cells that help fight germs, and the platelets that help you stop bleeding if you accidentally cut yourself.

Some bones have very special jobs. For example, our jaw bones hold our teeth firmly in place, so that we can chew. Our ears have very special tiny bones that transmit sound so that we can hear. These are the hardest bones in our body.



[Link to other similar activities](#) - Please see: [Digestion and Lungs](#).

