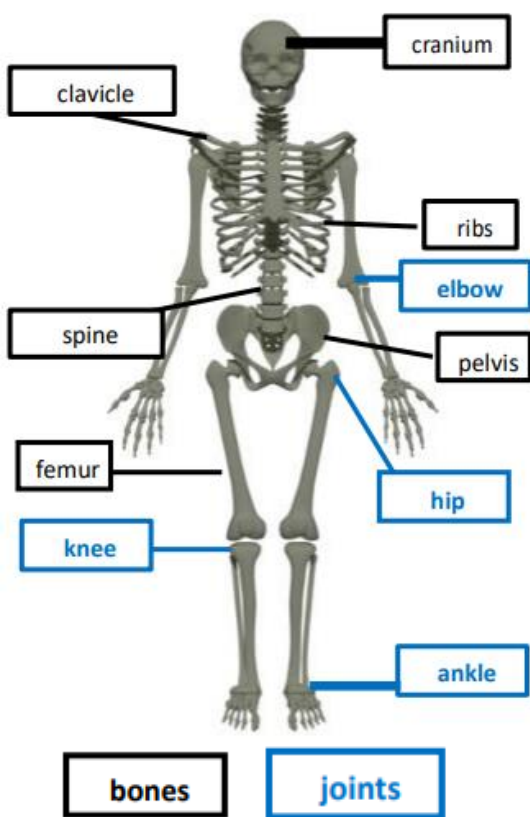
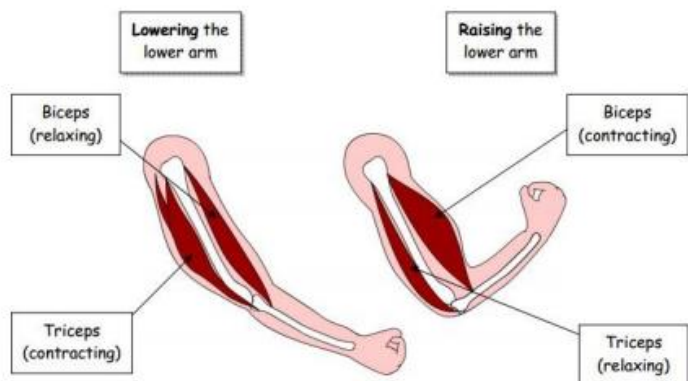


# Animals, Skeletons & Movement Knowledge Organiser



## Muscles



## What is a skeleton

The adult human skeleton is a framework of 206 different bones. We have a skeleton for three main reasons: support, protection and movement. Our skeleton protects our vital organs (such as our heart, lungs and brain) from being damaged. We need to keep our organs safe because they perform very important jobs.

## Key vocabulary

<b>Backbone</b>	the column of small linked bones down the middle of your back . Also known as a spine.
<b>Bones</b>	the hard parts inside your body which form your skeleton
<b>Contract</b>	to make smaller by drawing together; shrink or make tighter.
<b>Elbow</b>	the bend or joint between the upper arm and the lower arm
<b>Endoskeleton</b>	the internal skeleton of an animal, especially the bony skeleton of vertebrates
<b>Exoskeleton</b>	the protective or supporting structure covering the outside of the body of many animals
<b>Joints</b>	the junction between two or more bones
<b>Muscles</b>	something inside your body which connects two bones and which you use when you make a movement
<b>Organs</b>	a part of your body that has a particular purpose
<b>Protect</b>	protecting someone or something means to prevent them from being harmed or damaged
<b>Relax</b>	When a part of your body relaxes, or when you relax it, it becomes less stiff or firm
<b>Skeleton</b>	the framework of bones in your body
<b>Support</b>	to hold something up
<b>Tendons</b>	a strong cord in a person's or animal's body which joins a muscle to a bone
<b>Vertebrate</b>	a creature which has a spine
<b>Invertebrate</b>	an animal without a backbone

## Different types of skeleton

**Vertebrates** are animals that have a backbone. These **skeletons** are called **endoskeletons** - this means that the skeletons are on the inside of the bodies. These **skeletons** grow with the bodies.



When the **skeleton** exists outside the body, it is called an **exoskeleton**. An **exoskeleton** is a covering that supports and protects animals. These have to be shed and a new **skeleton** is grown

