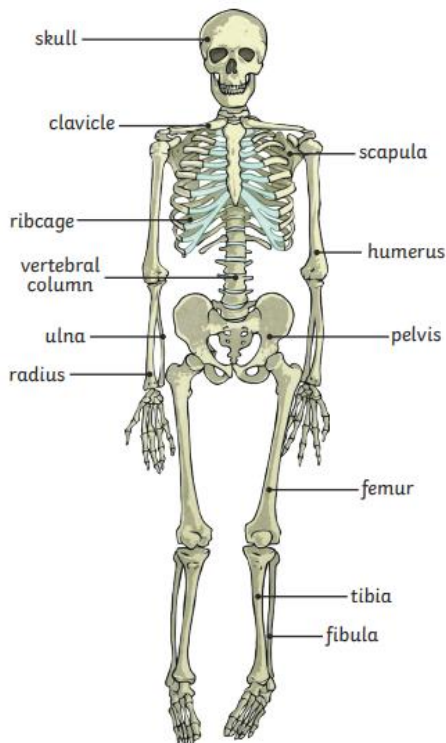


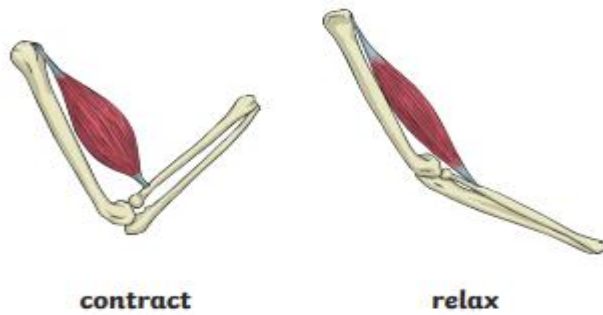
## The Human Body Knowledge Organiser

### Skeletons

- 1. Protect our organs**
- 2. Help us to move**
- 3. Support our bodies**



Skeletal **muscles** work in pairs to move the bones they are attached to by taking turns to contract (get shorter) and relax (get longer).



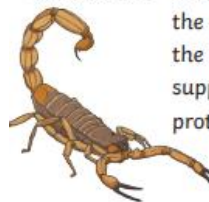
**vertebrate**

**endoskeleton** – a skeleton on the inside of the body that supports and protects it



**invertebrate**

**exoskeleton** – a skeleton on the outside of the body that supports and protects it



**hydrostatic skeleton** – a skeleton made up of a fluid-filled compartment in the body called a coelom, mainly found in soft-bodied animals



### Key Vocabulary

1. **Energy**- Strength to move and grow
2. **Nutrition**- Food needed for health and growth
3. **Healthy**- Good physical and mental condition
4. **Skeleton**- Bones surrounding our vital organs
5. **Muscle**-Soft tissues in the body that contract and relax to cause movement of the skeleton
6. **Vertebrate**-Animals with a backbone
7. **Invertebrate**-Animals without a backbone
8. **Joints**-Areas where two or more bones fix together