



# Health and Movement

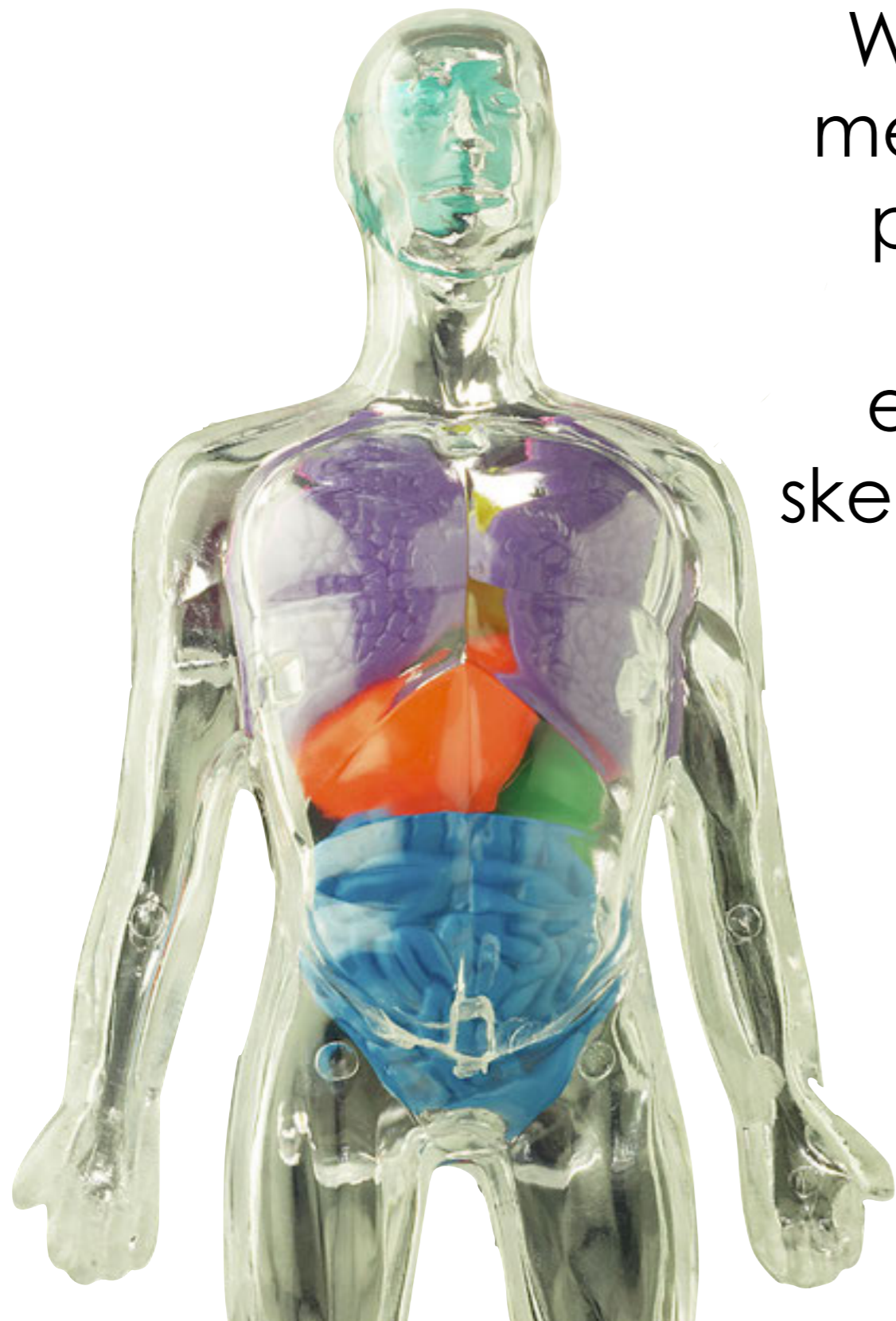
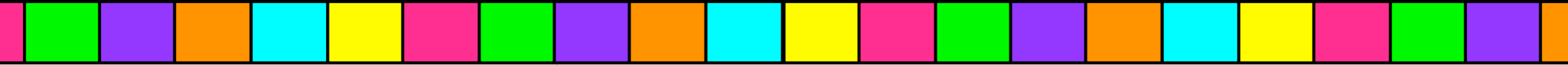
## Learning Objective:

To find out about how the skeleton supports and protects the body and how invertebrates are supported.





What would happen if we did not have a skeleton?



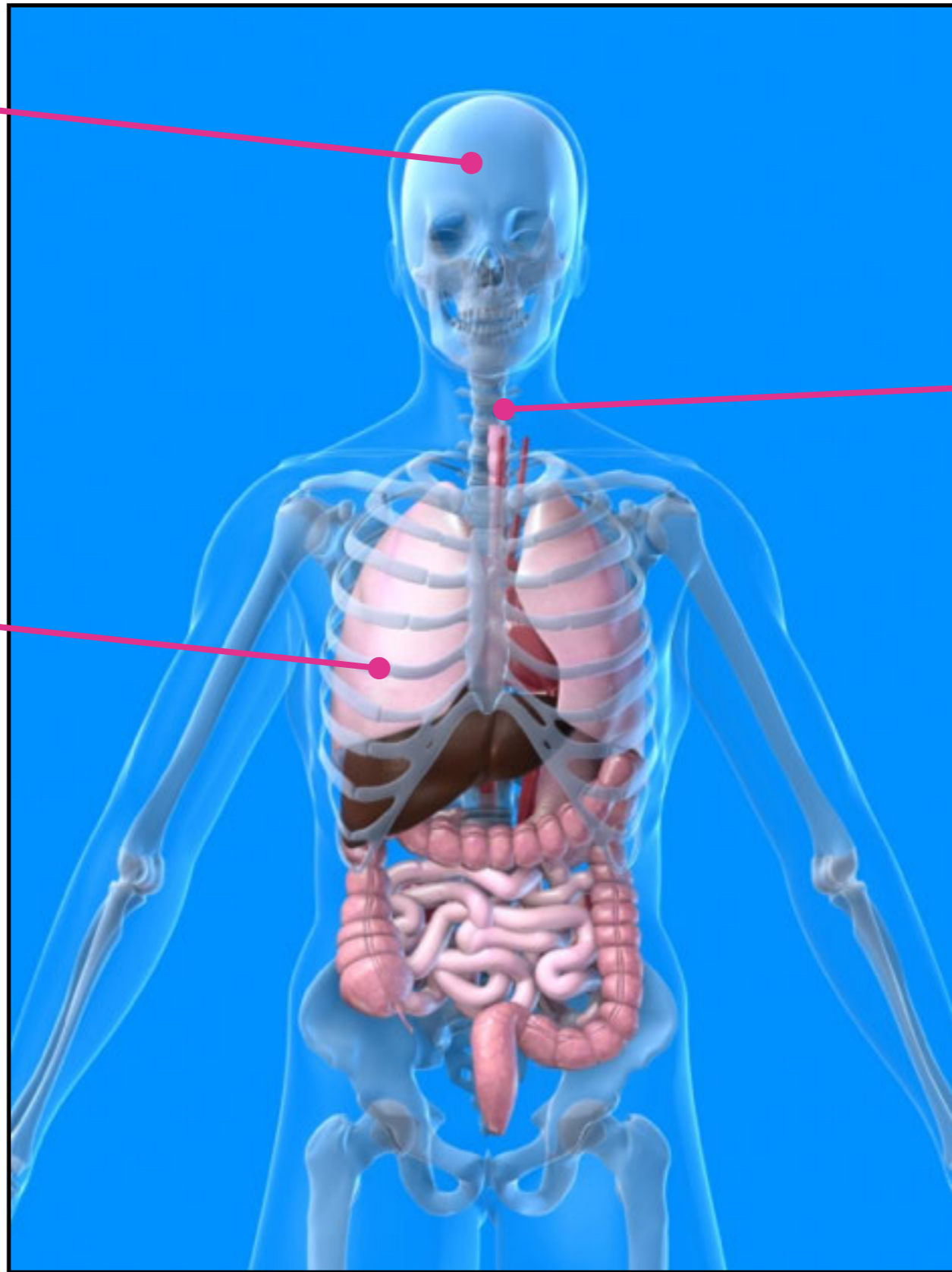
Without a skeleton we would be a mess of skin, muscle and organs in a puddle on the floor! The skeleton supports the body and keeps everything in the right place. Our skeletons also help to protect some of our internal organs.

Can you think of any of the organs inside our bodies that are protected by our skeletons?



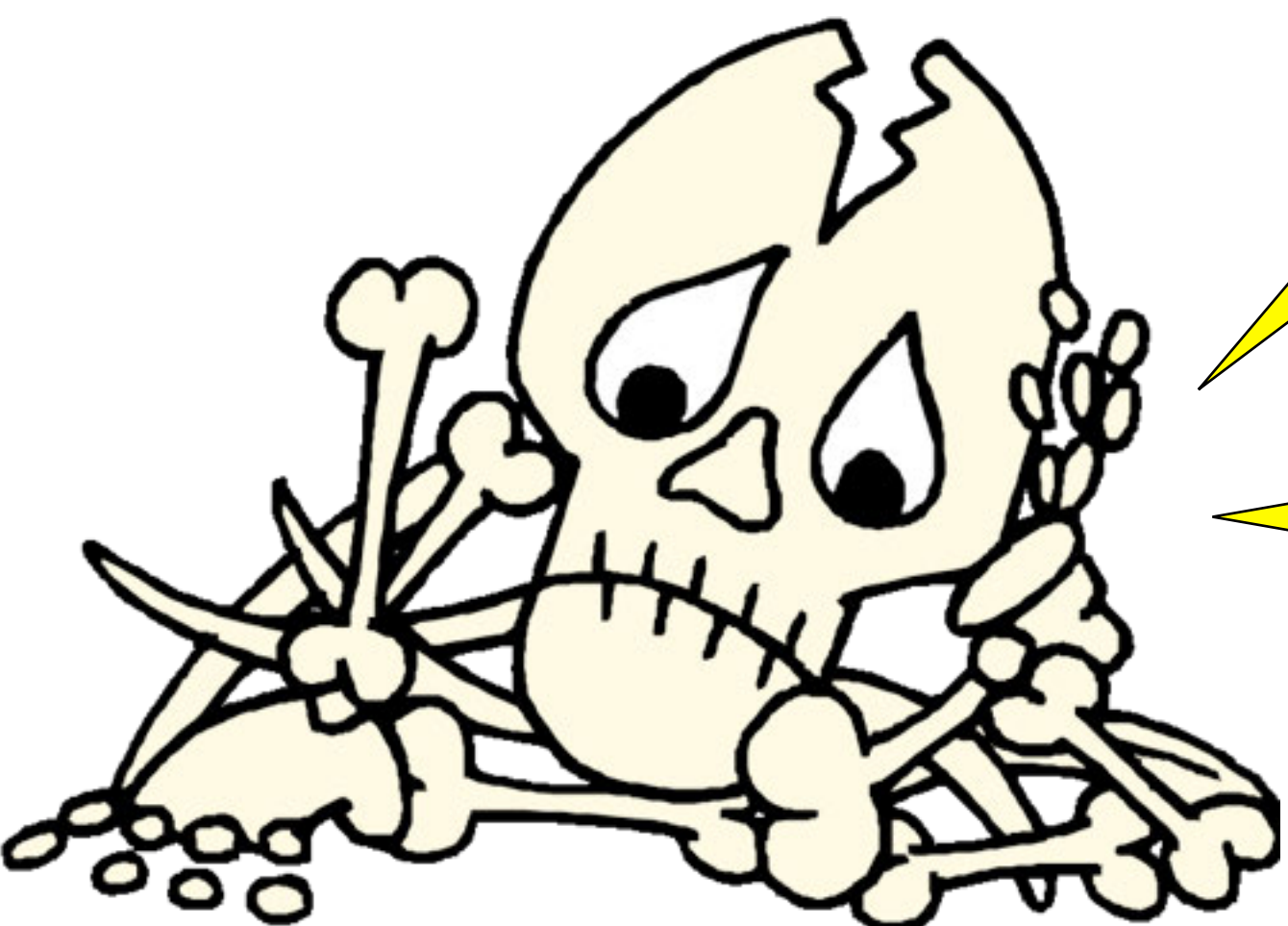
Your skull  
protects your  
brain.

Your ribs  
protect your  
heart, lungs,  
liver and  
parts of other  
organs.



Your  
vertebrae  
(backbone)  
protects your  
spinal cord.

Some animals do not have a skeleton inside their bodies like we do. These animals are called **INVERTEBRATES**.



Can you think of any animals that are invertebrates?

How do invertebrates move and protect themselves?

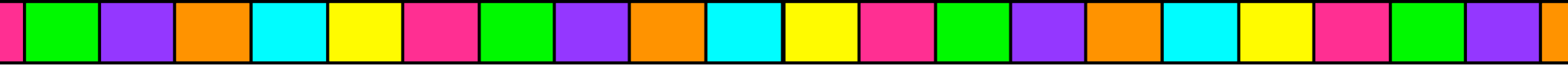


Lobsters are invertebrates that have an external skeleton to protect them, like armour. Their bodies are made up of different segments, each with outer plates.

Snails are invertebrates that have an outer shell they can use for protection when they need it. Their bodies are made up of fluid and muscle.



Worms do not have any outer shell for protection. Their bodies are made up of lots of segments and contain a fluid and muscles.



Today we will be researching some different invertebrates to find out how they protect and support themselves without an internal skeleton. What sources of information could we use to help us do this?

