

Science Facts (Senior)

Lets be scientists!

**Follow the route to learn
some scientific facts.**

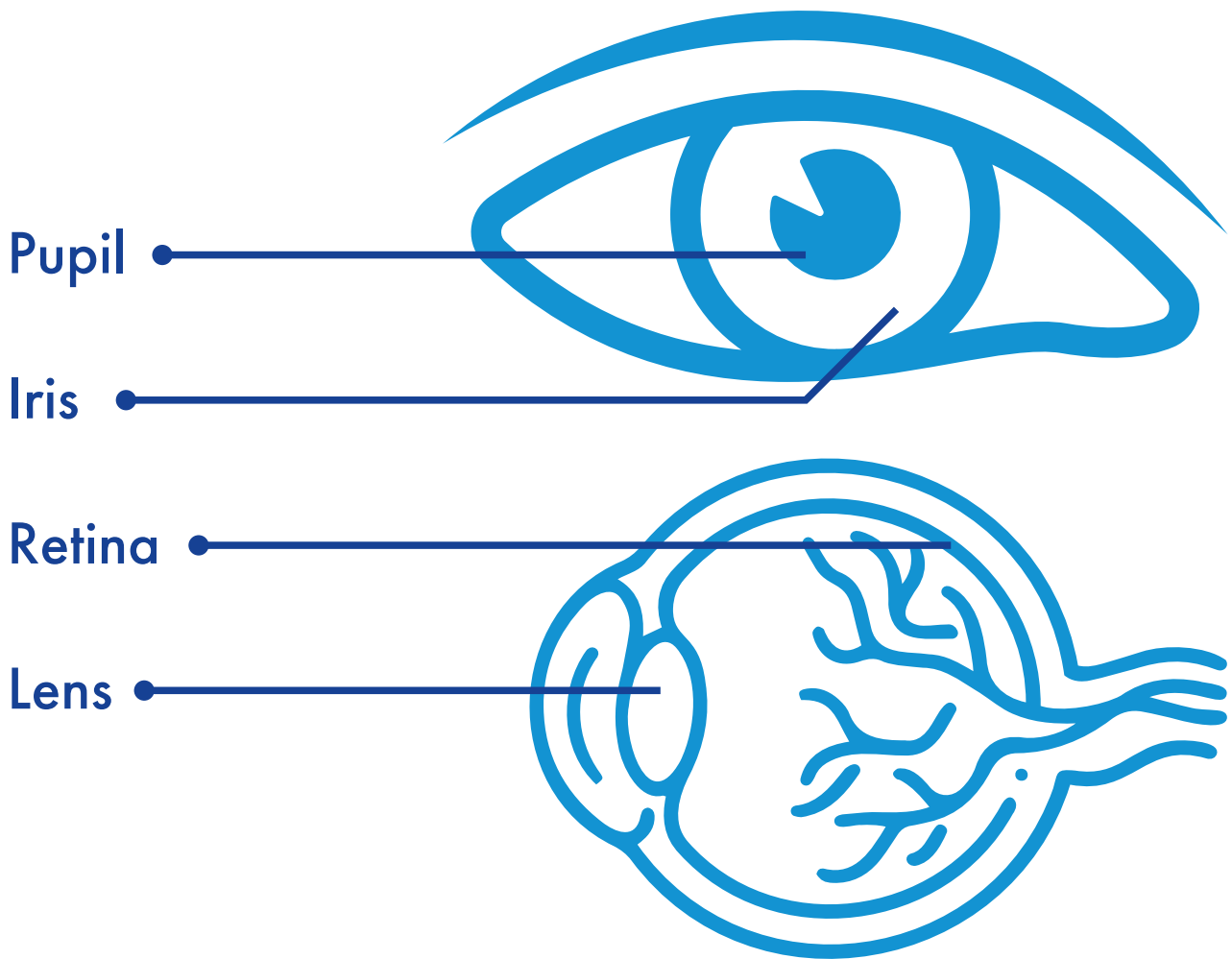
Your heart beats about 100,000 times a day.

How to take your pulse:

1. Press two fingers on the side of your wrist, under your thumb.
2. Count how many beats you feel in thirty seconds.
3. Multiply that number by two.

Take your pulse. Run around the route stopping at each sign and then take it again at the end!

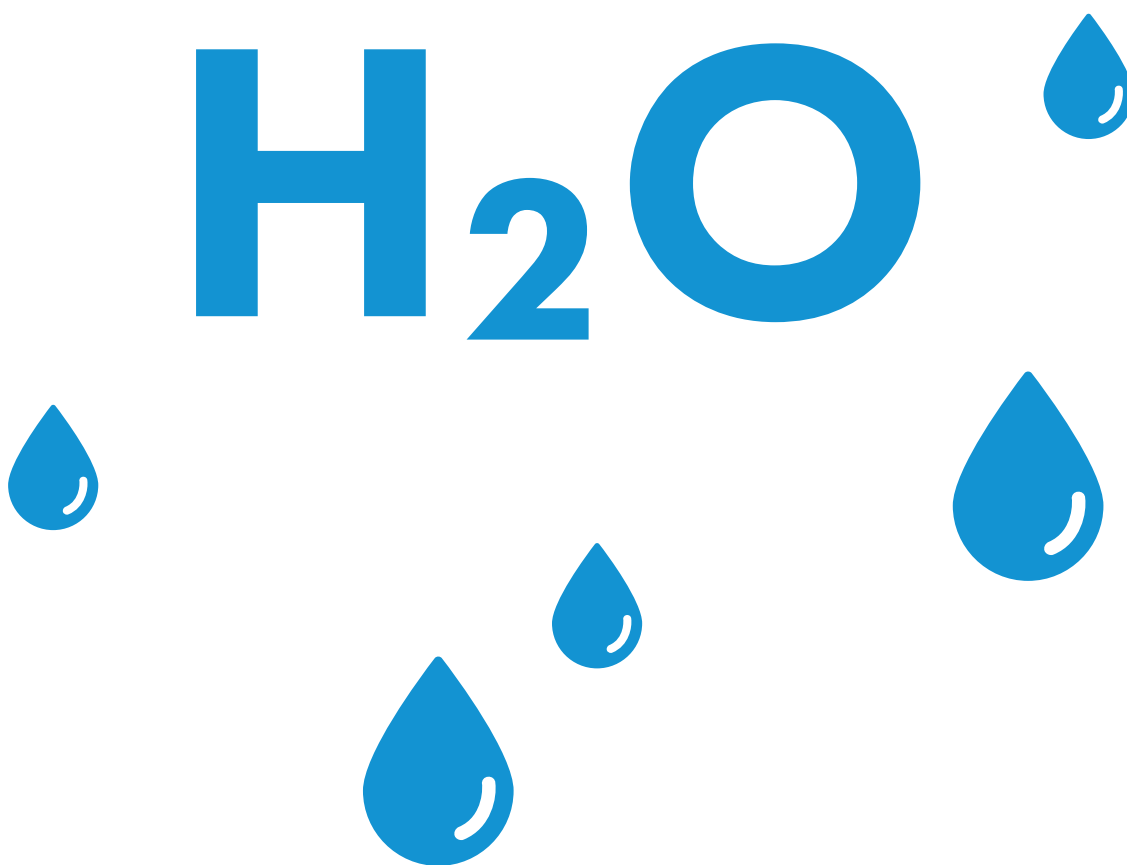
Parts of the Eye

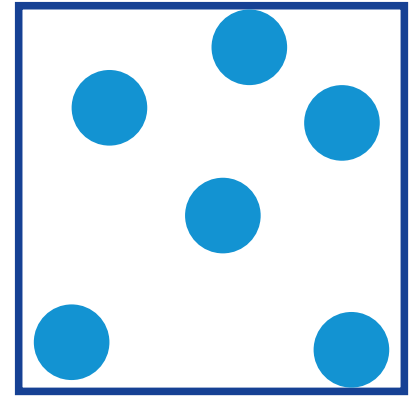
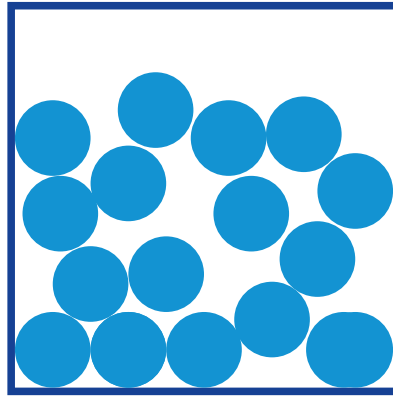
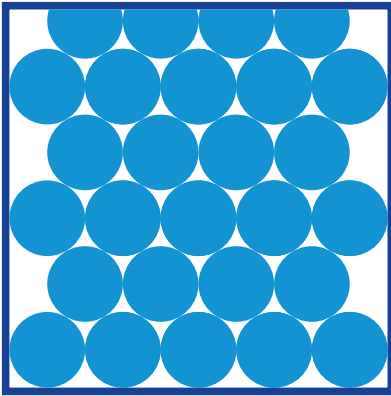




**The chemical
symbol
for water is**

H₂O





Solid

Liquid

Gas



Rigid



Not Rigid



Not Rigid



Fixed Shape



No Fixed Shape



No Fixed Shape



Fixed Volume



Fixed Volume



No Fixed Volume



Cannot be squashed



Cannot be squashed



Can be squashed

Did you know?

1.3 million
Earths would fit
into the Sun.





My Very Educated Mother Just Served Us Nachos

A **mnemonic** is a clever way of remembering things! Can you make up your own for remembering the planets?

Parts of the Heart

Aorta

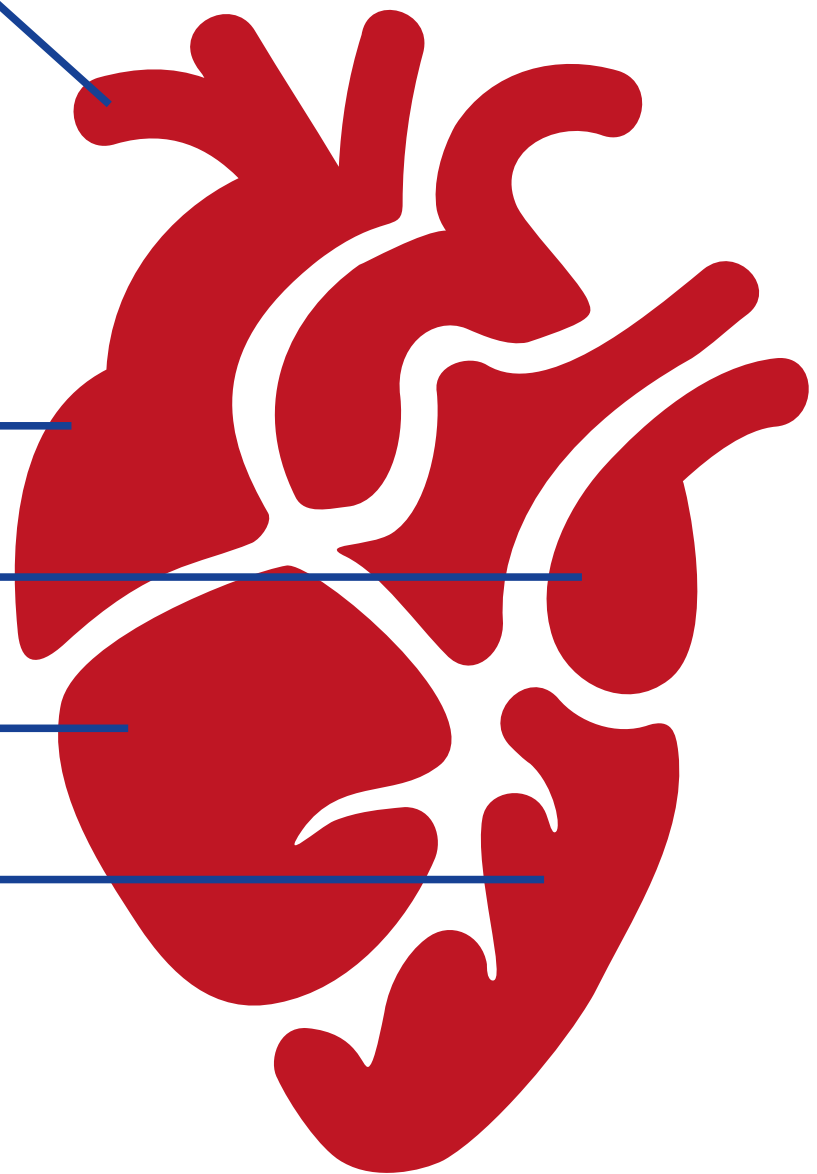
There are four chambers in your heart:

Right Atrium

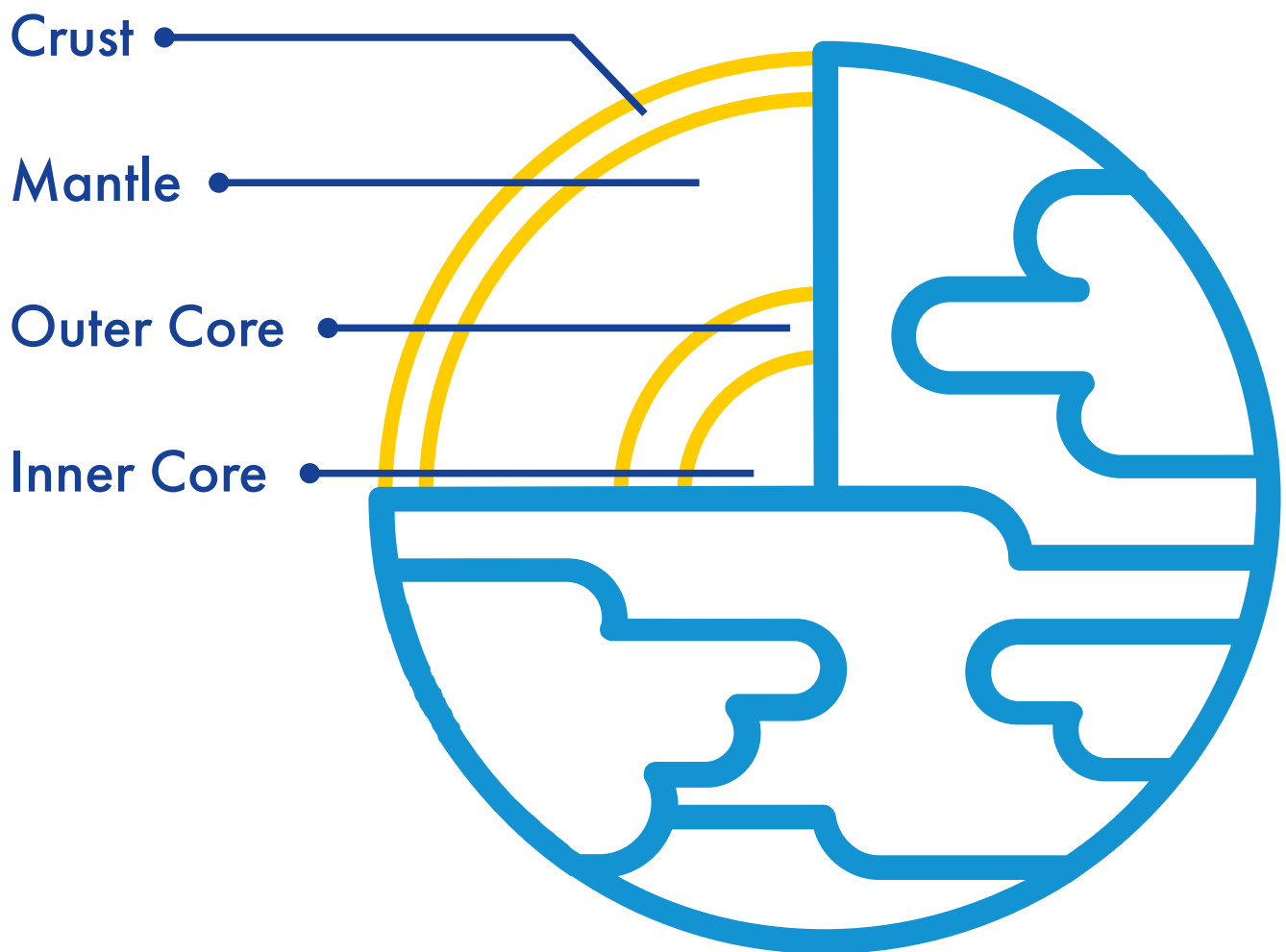
Left Atrium

Right Ventricle

Left Ventricle



Layers of the Earth

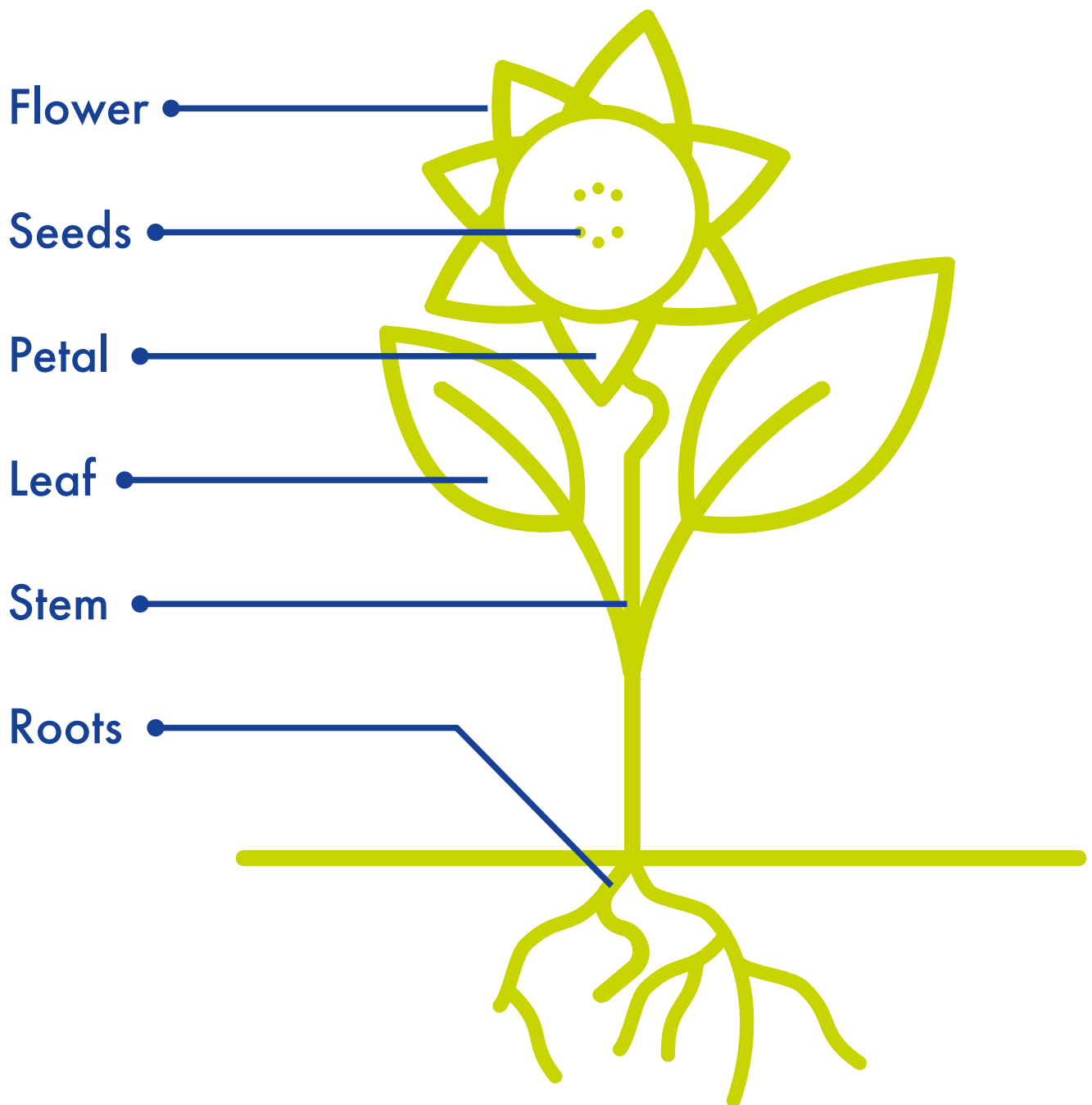


Friction

Have you every rubbed your hands together on a cold day to warm them up? This works because friction generates heat. Try rubbing your hands together slowly and then fast. More friction means more heat!



Parts of a Plant

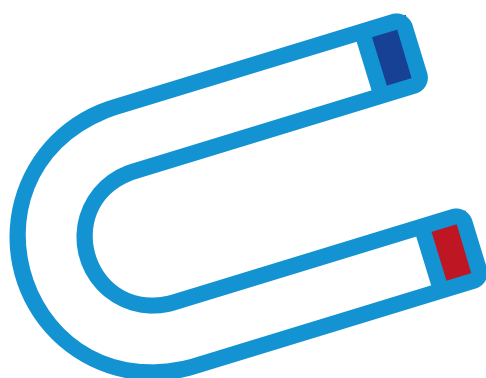


Gorillas are endangered species that are constantly under threat of extinction.

There are only about **700** mountain gorillas. They live high in the mountains of Central Africa.



**A magnet is
an object with
an invisible force
that can attract or
repel other objects.
This force is called
magnetism.**



Recycling can save forests by reducing the number of trees that need to be cut down.

Every ton of paper recycled saves about **17** mature trees.

