

# WHAT ARE WE MADE OF?

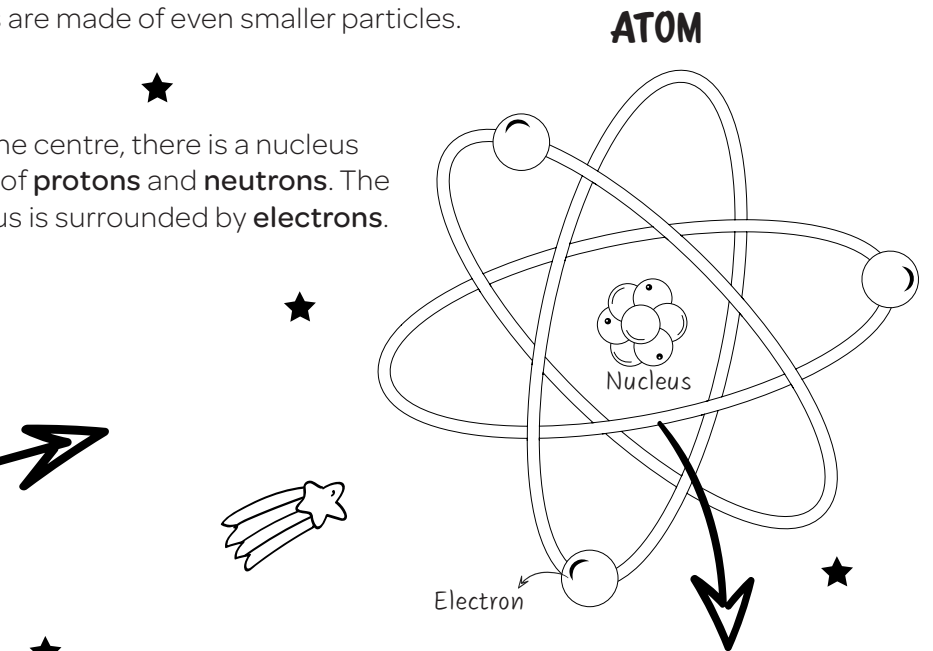
If you zoom into your body, you will find an essential **molecule** for life: that's your DNA!



All molecules – including your DNA – are made up of **atoms**. Different combinations of atoms make up different molecules.

Atoms are made of even smaller particles.

At the centre, there is a nucleus made of **protons** and **neutrons**. The nucleus is surrounded by **electrons**.

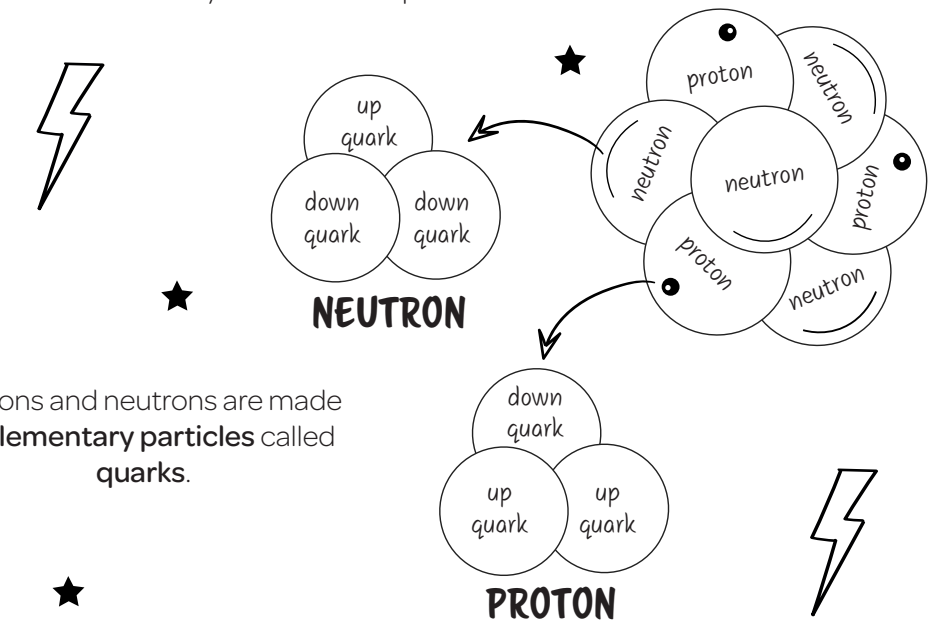


**ATOM**

Zoom down even further and you'll find more particles!

**NUCLEUS**

Protons and neutrons are made of **elementary particles** called **quarks**.



**NEUTRON**

**PROTON**

Elementary particles can not be broken down into anything else. We have found 3 types: **quarks**, **leptons** and **force particles**.