

Ever imagined an atom like this?

From a tiny atom to a world of wonder.



DuaMio
DISCOVER

Imagine an atom as big as a blueberry.

At the same scale, a grapefruit would be roughly the size of Earth.



Picture an Earth full of blueberries: each represents an atom inside the grapefruit.

As the atom grows, its tiny nucleus comes into view.



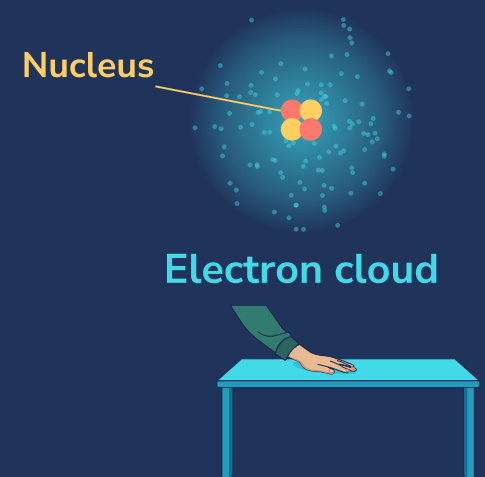
Electrons occupy the wider region around the nucleus.

Almost all the mass is in the nucleus.
Electrons spread across a much larger region: the electron cloud.

Protons, and in most atoms neutrons, are inside the nucleus.

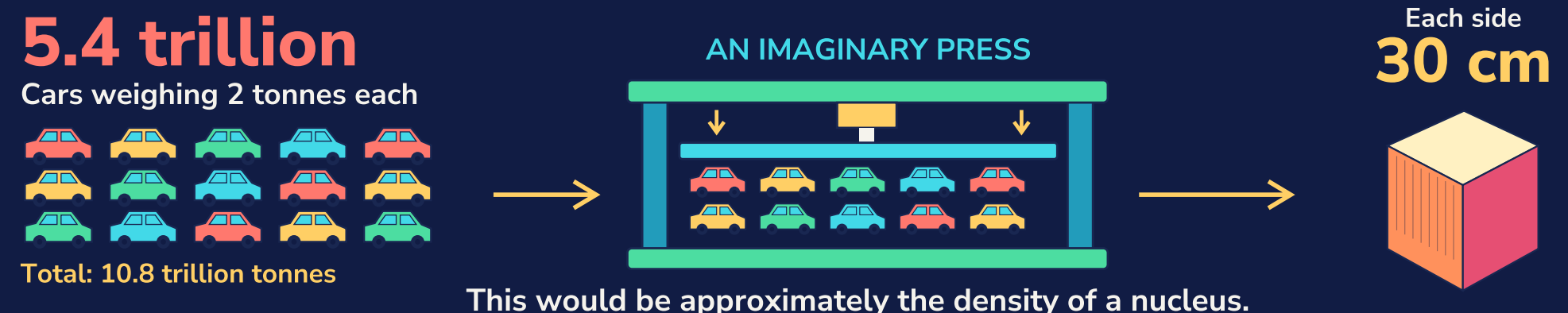
Why does our hand not pass through a table?

Our hand and the table are made of atoms. Electron interactions and quantum rules prevent these atoms from easily passing through one another.



Imagine the density of a nucleus.

Imagine a press squeezing all these cars into a cube just 30 cm wide on every side.



Even in an atom we cannot see,
there is remarkable order.

Reflect on the knowledge and power of Allah,
who wills and creates this order.

Discover with wonder.
Remember the Creator.