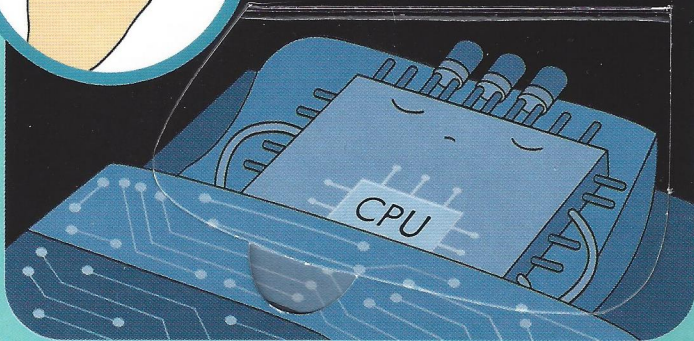


Here's what happens when you turn on a computer...



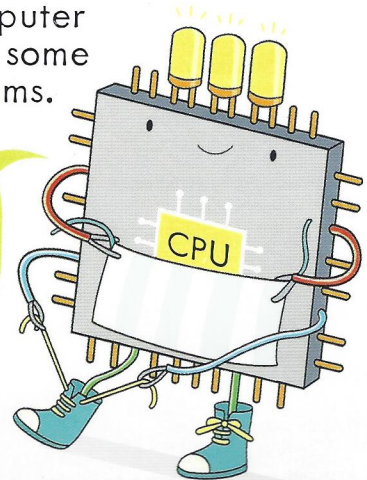
1. You press the ON button and power flows into the computer's circuits.



2. The computer starts up some programs.

I'm getting ready for work.

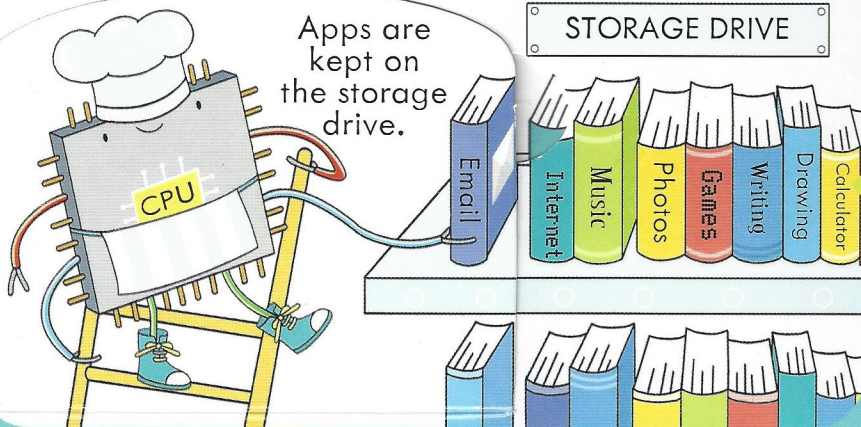
This is known as booting up.



4. The computer finds the app and loads it up.

Apps are kept on the storage drive.

STORAGE DRIVE



3. You click on an icon to open an app.



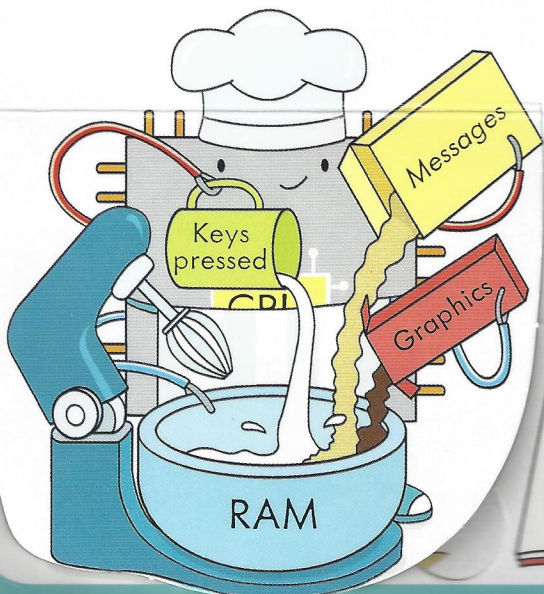
5. You start using the app.

The CPU finds all the information the app needs, and puts it in the RAM...

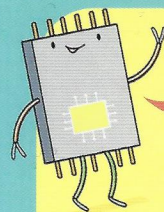
Then the app tells the CPU what to do with it. This is called **processing**.

An app is a little like a recipe...

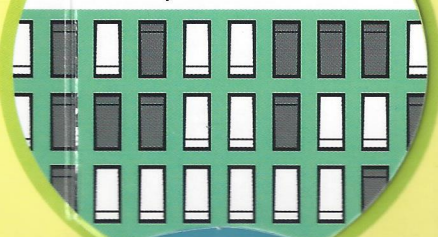
1. Measure out ingredients.
2. Mix them all together.
3. Bake.



Processing is done by the computer's chips. Here's how...



Each chip is packed with tiny switches.



Information is stored as patterns in the switches.

