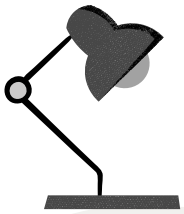
Iphone 2G

There are several scientific factors that went into the iPhone 2g, and in this infographic we explain some of those key concepts.



1. Lithium Battery

The use of lithium-ion batteries is to power its operations. Lithium-ion batteries are lightweight and have a high energy density compared to other types of rechargeable battery technology.

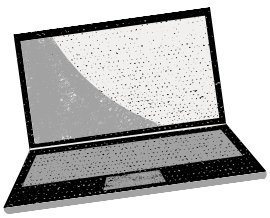
2. Sinusoidal Motion

Sinusudial motion within the software gave users a smoother scrolling experience. By dynamically adjusting the speed of the scroll by the how much force the user applies, and going on after release with momentum, nobody else on the market had an experience as smooth as the iPhone.

3. Accelerometer Sensors to Detect Motion

Accelerometer sensors are used to detect motion by measuring acceleration forces. These sensors measure linear accelerations along three axes, which allows them to determine the direction and magnitude of a movement in any given direction.

4. Proximity Sensor Technology



Proximity sensor technology enabled touchless control over certain functions like answering calls without having to touch the phone itself.