

BLUETOOTH - What is it?

- A form of wireless communication using radio waves
- Used to connect devices together within a short distance (usually 30 feet max)
- A computer chip with a Bluetooth radio and software is built into each device
- First – devices need to “pair” in order to communicate with each other
- Turn Bluetooth on, on each device you want to connect
- Then scan to find the Bluetooth enabled device within range
- A list of all Bluetooth devices will be presented
- Choose the one you want and they will be paired and can communicate
- If your device does not appear in the list turn Bluetooth off and back on rescan and try again

Great for speakers, headphones, keyboards, printers and more

New cars are usually equipped with Bluetooth so you can pair your phone and Use the car radio as the speaker – allowing hands free calling

4.0 is the current version of Bluetooth

The latest technology is called Bluetooth SMART, it is faster and energy efficient. A wireless keyboard and mouse could conceivably last 5-7 years before needing a fresh battery.

The Future of Bluetooth

- *Socks – sensors to monitor diabetic foot ulcers or alert elderly they are losing their balance*
- *Shoes – embedded sensors monitor workouts or athletic performance*
- *Basketball – embedded Bluetooth sends data back to App to analyze performance*
- *Water Bottles – sensor attached to bottom of bottles periodically weighs the bottle to see how much was consumed, might work on soft drinks to detect sugar intake*
- *Teeth – a mouth guard that lets you know if you are grinding your teeth as you sleep*
- *Hats – Beanies that let you listen to music or take calls hands-free*
- *Baby Pacifier – Monitors baby’s temperature to alert when ill*
- *Anything You Can Imagine*

For more info <https://www.bluetooth.com/what-is-bluetooth-technology>