

MEET THE WAVY FAIRIES



Wanda Wi-Fi

Wi-Fi lets you connect to the internet without using any wires. Imagine your phone or computer wants to talk to the internet, but instead of plugging it in with a cord, it uses invisible waves that travel through the air. These waves carry all the information, so you can play games, watch videos, or talk to your friends, without any wires!



Cindy Cellular

Cellular is like having a phone that talks to other phones using special towers. Instead of using a wire, phones use invisible signals that travel to big towers called cell towers. These towers send the signals back and forth to help your phone connect with the internet or talk to someone.



Nancy NFC

NFC is like a super-fast handshake between two things, like your phone and a payment machine. When you touch your phone to something with NFC, it's like they quickly say "hello" to each other using invisible waves. This helps your phone send information without needing to plug anything in or type anything.



Bailey Bluetooth

Bluetooth is also like a handshake between two devices, like your phone and a speaker. When you turn on Bluetooth, your phone can talk to the speaker just by being close to each other. They send special signals through the air, so you can play music or send information, all without needing to plug anything in!



Riley RFID

RFID is like a little sticker that can talk to machines from far away. Imagine you have a special tag on your backpack, and when you walk past a scanner, the scanner can "read" the tag without touching it. It's like a secret code that helps the machine know who or what you are.



Sylvia Satellite

A satellite is like a big robot in space that floats high up above the Earth. It helps send signals, like pictures or messages, from one place to another. When you watch TV, use GPS, or make a call on your phone, the signals travel up to the satellite and then back down to you!

Resources:

- [cisa.gov/resources-tools](https://www.cisa.gov/resources-tools)
- [cisa.gov/topics](https://www.cisa.gov/topics)
- [cyberhouserock.info](https://www.cyberhouserock.info)