Unit 1.1 - Learning Targets
What is IoT?

Essential Questions

- What is IoT?
- When did IoT start?
- What is a "Thing"?
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Key takeaways

- The Internet of Things is a growing field which should provide lots of opportunities in the future.
- IoT is a relatively new field but the "idea" of IoT has been around for many years.
- The are a few basic types of "Things":
  - Devices that collect and send data.
  - Devices that receive and respond to data.
  - Devices that can do both.
- IoT is a complex system of systems.

Teaching Tips

There are almost limitless resources on the internet about IoT. Have students spend some time researching the different industries that use IoT both currently and possibly in the future to get a better understanding of the vast number of applications of IoT.

This lesson would be a perfect time to do a live demonstration on some consumer IoT products. Smart lights. Smart doorbells. Smart thermostats. Amazon Alexa. Google Assistant.