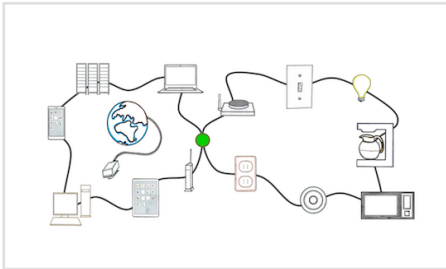


## Lesson Plan

This lesson plan is designed to help you teach using a Common Craft video. Use the information below to introduce the video and then follow the video with discussion questions and other resources.



[commoncraft.com/video/internet-things](https://commoncraft.com/video/internet-things)

### ISTE Standard:

**Empowered Learner Indicator 1d**

# Internet of Things

## Explained by Common Craft

The internet is evolving. It used to be made of computers, but today, the internet includes all sorts of “things” that can work together. This video explains the Internet of Things and what it can mean for both individuals and communities.

## Learning Outcomes

- Define the term Internet of Things
- Explain benefits of connecting everyday objects to the Internet
- Describe three examples of how the Internet of Things could be used in the home or by cities and towns

## Discussion Questions

### Q #1

What types of electronic things do you use every day that could benefit from getting on the Internet? How could you benefit?

### Q #2

Do you agree that the Internet of Things could lead to greater safety? Explain.

## Knowledge Check Q&A

### Q

True or False. We’ve been using an Internet of Things, and now it’s becoming an Internet of Computers.

### A

False.

### Q

What are characteristics of “dumb” electronic devices?

### A

They don’t collect, send or receive information.

**Q**

What are two potential benefits of the Internet of Things?

**A**

1) Increased efficiency. 2) Increased safety.

## Resources for Learning More

### **NYTimes**

John R. Quain

One day, cars will connect with your fridge and your heartbeat, October 2016

<https://www.nytimes.com/2016/10/14/automobiles/steering-cars-toward-the-internet-of-things-on-ramp.html>

### **Huffingtonpost Blog**

Alisa Valudes Whyte

The future of the Internet of Things is amazing, if we don't muck it up, November 2016

[http://www.huffingtonpost.com/entry/the-internet-of-things-future\\_b\\_8640360.html](http://www.huffingtonpost.com/entry/the-internet-of-things-future_b_8640360.html)

### **Healthline**

Matthew Berger

Wearable technology that can diagnose diabetes, cystic fibrosis, April 2017

<http://www.healthline.com/health-news/wearable-technology-can-diagnose#1>

### **NPR: AllTechConsidered**

Despite its promise the Internet of Things remains vulnerable, December 2015

<http://www.npr.org/sections/alltechconsidered/2016/12/05/504467134/despite-its-promise-the-internet-of-things-remains-vulnerable>