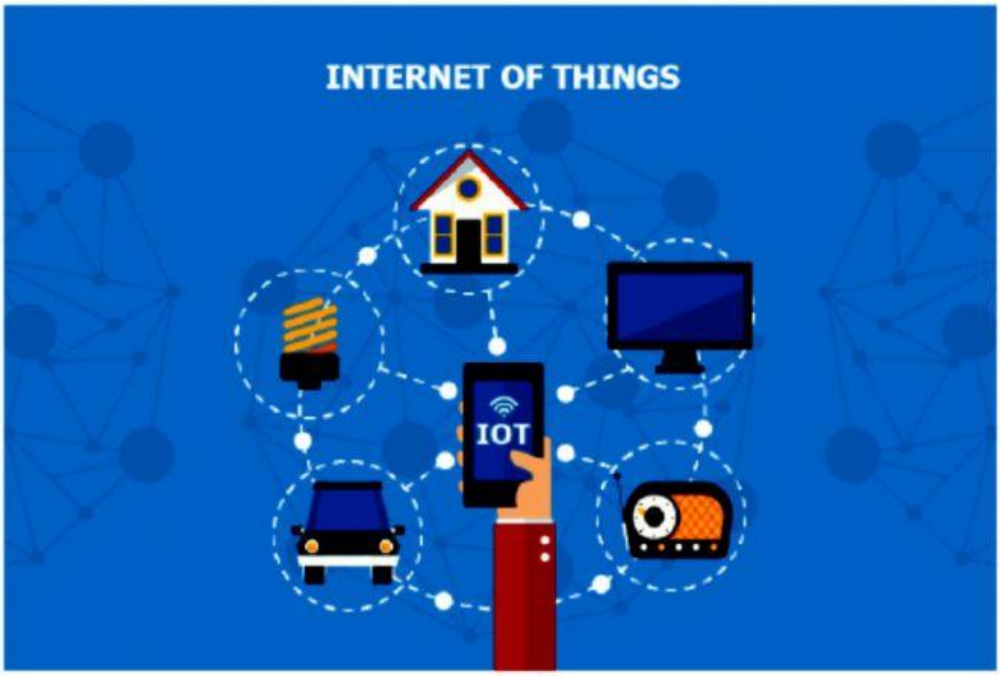
## Reading 2

**Skills:**

- Associate information

**Getting started:** Are you familiar with the concept of Internet of Things (IoT)? What is it?

# INTERNET OF THINGS




There are more devices connected to the internet than there are people on Earth. As this number increases, and the devices become interconnected, it has formed the Internet of Things (IoT). The IoT can give people remote access to their house and office and allow them to interact in new ways with public spaces such as stores, tourist attractions, and transportation networks. The data collected by these devices is used to build intelligent systems that help people live healthier and more efficient lives.

In the home, the IoT works by coordinating smart devices and analyzing the behavior of their owner. This means that one system, such as a smart fridge, can learn to manage a person's groceries automatically, taking into consideration the habits of the owner. It can also attempt to improve the



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owner's health by suggesting solutions to simple problems, such as ordering healthier food for the refrigerator or diagnosing an illness.

Human inputs are analyzed, and patterns established. For example, if you normally watch TV on Tuesday nights, the TV and the lights will learn this; the TV will turn on and the lights will automatically dim on Tuesday nights if you are there. The oven can be controlled remotely or follow instructions from a recipe to come on at the right temperature and at the right time for each day's meals.

In the future, the Internet of Things will transform the home, connecting everyday devices together. They can all be operated remotely from central controllers, but these systems also share information and respond automatically to each other's actions.

**Adapted from How super cool tech Works. DK publishing.*

**Brainstorm ideas:**

**Based on the information presented on the text, how can the Internet of Things be used for...?**

- Home security
- Home during summer/winter
- Traffic
- Take care of your pet
- Agriculture

## What do you think?

What future uses of the Internet of Things can you imagine?

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