

Lesson Plan

Which Description?

Book: *Internet of Things*

Series: Science for the Future

Level: Voyager

Objective

To help students define terms related to the various devices that are part of the Internet of Things.

Supplies

- *Internet of Things* book
- Which Description? worksheet (attached)
- Pencils

Before the Activity

Have students read the *Internet of Things* book. Print a copy of the Which Description? worksheet for each student.

Activity

Millions of devices are part of the Internet of Things. All these devices connect to the internet, but they have many different uses and purposes. To take a closer look at some of the ways people use these devices, hand out the Which Description? worksheet to the class. Each student should use the information in the book to match the terms on this worksheet to their descriptions.

Evaluation

Use the attached answer key to give students 1 point for each correct answer, for up to 15 points.

Standards

This lesson may be used to address the Common Core State Standards' reading standards for informational texts, grade 7 (RI 7.4).

Which Description?

Write each term from the word bank in the space beneath the definition that describes it.

bar code	botnet	fitness tracker	transponder
Internet of Things	GPS receiver	IP address	virtual assistants
platform	nanobots	the cloud	smart speakers
RFID tags	network	machine learning	

1. a process in which computers are trained to find patterns in data
2. the huge network of all devices that use the internet to share information
3. services and platforms that can be used on any internet-connected device
4. a system of computers and devices that are connected to one another
5. computer programs that use AI to perform online tasks
6. a series of printed lines containing coded information a scanner can read
7. a device that receives a radio signal and automatically sends out another signal
8. a group of devices infected by malware that let a hacker control all of them at once
9. tiny robots that are small enough to go inside the body
10. a small device that collects and shares data about exercise and sleep patterns
11. tiny tags that use microchips to send out radio signals and help stores track products
12. a basic set of hardware and software that allows a computer program to run
13. an invention that uses signals from GPS satellites to calculate its own location
14. a set of numbers that tells computers where to send information
15. devices that respond to requests to play music or videos on connected devices

Which Description? ANSWER KEY

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