

# Goods and Services from a Computer Scientist

## Goods

Goods are items. A new app is an example of a good.



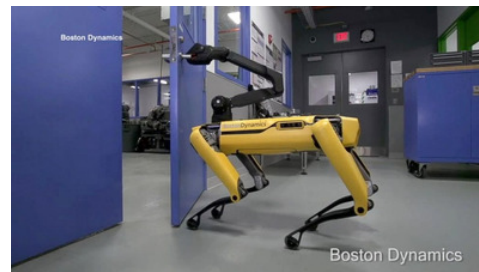
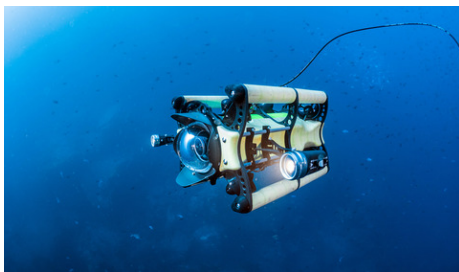
## Service

A service is when you do a job or task for someone. For example computer scientists create computer programs on a computer. When they create computer programs, they are offering a service. Computer scientists know a special language called code. This language is not a language that you speak out loud, like English. Instead, it is a language that has numbers, letters, symbols that tell a computer what to do.



## Learning about Robots

A robot is a machine that completes a task. For example, a robot can go under water and take pictures of animals and plants. A robot can also open a door.



Robots have computer programs inside of them. The computer programs tell the robot what to do! For example, a computer program tells this robot to drive to someone's house to deliver a snack. It also tells the robot to stop moving so someone can take their snack out once it is delivered.



# Steps to Build a Robot

**Step 1: Choose a job for your robot. Circle your choice.**



**Ties your shoes at school**



**Helps you work on math problems**



**Delivers snacks to classrooms**



**Other (come up with your own idea)**

**Step 2: Draw a picture of your robot.**

Think about how your robot will work. Then, draw a picture of your robot below.

**Step 3: Build your robot.**

Use art supplies to build your robot!

