Robots can be trained to do tasks that are too dangerous or difficult for humans, such as exploring outer space or working in dangerous environments. For example, the Mars robot Curiosity, which landed on Mars in 2012, is controlled by humans on Earth through a network of computers and sensors. The robot itself is designed to operate autonomously, but its movements are guided by the commands sent by the mission control team. This allows the robot to explore the planet and collect data while minimizing the risk to human astronauts.

In addition to exploring outer space, robots are also being used in various other fields, such as manufacturing, healthcare, and agriculture. In manufacturing, robots are used to perform tasks that require precision and repeatability, such as welding and assembly. In healthcare, robots are being used to assist with surgeries and other medical procedures. In agriculture, robots are being used to help with tasks such as planting and harvesting crops.

Robots are also being used in education, where they can be used to teach students about science, technology, engineering, and math (STEM) topics. For example, programs like the FIRST Robotics Competition provide students with hands-on experience in building and programming robots.

Overall, robots are becoming an increasingly important part of our everyday lives, and they are likely to continue to play an important role in the future.
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